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This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

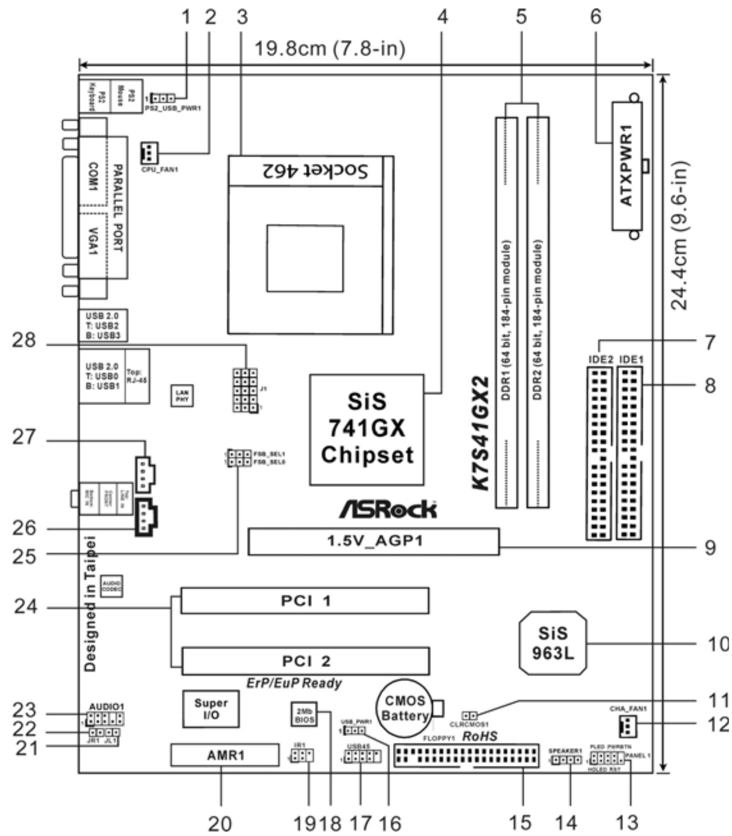
CALIFORNIA, USA ONLY
The Lithium battery adopted on this motherboard contains Perchlorate, a toxic substance controlled in Perchlorate Best Management Practices (BMP) regulations passed by the California Legislature. When you discard the Lithium battery in California, USA, please follow the related regulations in advance.
"Perchlorate Material-special handling may apply, see www.dtsc.ca.gov/hazardouswaste/perchlorate"

ASRock Website: http://www.asrock.com

Published June 2010

English

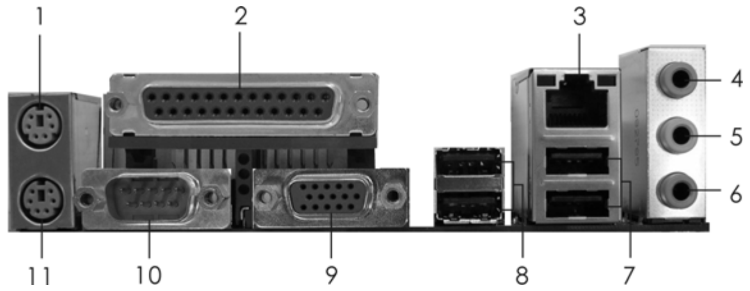
Motherboard Layout



1	PS2_USB_PWR1 Jumper	15	Floppy Connector (FLOPPY1)
2	CPU Fan Connector (CPU_FAN1)	16	USB_PWR1 Jumper
3	CPU Socket	17	USB 2.0 Connector (USB45, Blue)
4	North Bridge Controller	18	Flash Memory
5	184-pin DDR DIMM Slots (DDR 1- 2)	19	Infrared Module Connector (IR1)
6	ATX Power Connector (ATXPWR1)	20	AMR Slot (AMR1)
7	Secondary IDE Connector (IDE2, Black)	21	JL1 Jumper
8	Primary IDE Connector (IDE1, Blue)	22	JR1 Jumper
9	AGP Slot (1.5V_AGP1)	23	Front Panel Audio Connector (AUDIO1)
10	South Bridge Controller	24	PCI Slots (PCI 1- 2)
11	Clear CMOS (CLRCMOS1)	25	FSB Select Jumpers (FSB_SEL0/FSB_SEL1)
12	Chassis Fan Connector (CHA_FAN1)	26	Internal Audio Connector: CD1 (Black)
13	System Panel Connector (PANEL1)	27	Internal Audio Connector: AUX1 (White)
14	Chassis Speaker Connector (SPEAKER 1)	28	J1 Jumpers

English

I/O Panel



1	**PS/2 Mouse Port (Green)**	7	**USB 2.0 Ports (USB01)**
2	**Parallel Port**	8	**USB 2.0 Ports (USB23)**
3	**RJ-45 Port**	9	**VGA Port**
4	**Line In (Light Blue)**	10	**COM Port**
5	**Line Out (Lime)**	11	**PS/2 Keyboard Port (Purple)**
6	**Microphone (Pink)**		

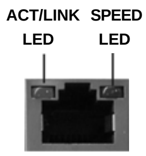
LAN Port LED Indications

Activity/Link LED

Status	Description
Off	No Activity
Blinking	Data Activity

SPEED LED

Status	Description
Green	10Mbps connection
Green	100Mbps connection



LAN Port

1. Introduction

Thank you for purchasing ASRock ***K7S41GX2*** motherboard, a reliable motherboard produced under ASRock's consistently stringent quality control. It delivers excellent performance with robust design conforming to ASRock's commitment to quality and endurance.

This Quick Installation Guide contains introduction of the motherboard and step-by-step installation guide. More detailed information of the motherboard can be found in the user manual presented in the Support CD.

> Because the motherboard specifications and the BIOS software might be updated, the content of this manual will be subject to change without notice. In case any modifications of this manual occur, the updated version will be available on ASRock website without further notice. You may find the latest VGA cards and CPU support lists on ASRock website as well. ASRock website http://www.asrock.com
> If you require technical support related to this motherboard, please visit our website for specific information about the model you are using.
> www.asrock.com/support/index.asp

1.1 Package Contents

One ASRock ***K7S41GX2*** Motherboard
(Micro ATX Form Factor: 9.6-in x 7.8-in, 24.4 cm x 19.8 cm)
One ASRock ***K7S41GX2*** Quick Installation Guide
One ASRock ***K7S41GX2*** Support CD
One 80-conductor Ultra ATA 66/100/133 IDE Ribbon Cable
One Ribbon Cable for a 3.5-in Floppy Drive
One I/O Panel Shield

English

1.2 Specifications

Platform	- Micro ATX Form Factor: 9.6-in x 7.8-in, 24.4 cm x 19.8 cm
CPU	- Socket 462 for AMD Sempron / Athlon / Athlon XP / Duron Processors - FSB 333/266/200 MHz
Chipset	- Northbridge: SiS® 741GX - Southbridge: SiS® 963L
Memory	- 2 x DDR DIMM slots - Support DDR 400/333/266 non-ECC, un-buffered memory - Max. capacity of system memory: 2GB
Expansion Slot	- 1 x AGP 8X/4X slot (see **CAUTION 1**) - 1 x AMR slot - 2 x PCI slots
Graphics	- Integrated Mirage Graphics - DirectX 7 - Max. shared memory 128MB (see **CAUTION 2**) - Supports D-Sub with max. resolution up to 2048x1536 @ 75Hz
Audio	- 5.1 CH AC'97 Audio (C-Media® CMI9739A Audio Codec)
LAN	- Realtek LAN PHY RTL8201EL - Speed: 10/100 Ethernet - Supports Wake-On-LAN
Rear Panel I/O	I/O Panel - 1 x PS/2 Mouse Port - 1 x PS/2 Keyboard Port - 1 x Parallel Port (ECP/EPP Support) - 1 x Serial Port: COM1 - 1 x VGA Port - 4 x Ready-to-Use USB 2.0 Ports - 1 x RJ-45 LAN Port with LED (ACT/LINK LED and SPEED LED) - Audio Jack: Line in / Front Speaker / Microphone
Connector	- 2 x ATA133 IDE connectors (support 4 x IDE devices) - 1 x Floppy connector - 1 x IR header - CPU/Chassis FAN connector - 20 pin ATX power connector - CD in header - AUX in header - Front panel audio header

English

	- 1 x USB 2.0 header (supports 2 USB 2.0 ports) (see **CAUTION 3**)
BIOS Feature	- 2Mb AMI Legal BIOS - Supports "Plug and Play" - ACPI 1.1 Compliance Wake Up Events - SMBIOS 2.3.1 Support
Support CD	- Drivers, Utilities, AntiVirus Software (Trial Version)
Unique Feature	- Intelligent Energy Saver (see **CAUTION 4**) - Instant Boot - ASRock Instant Flash (see **CAUTION 5**) - Hybrid Booster: - CPU Frequency Stepless Control (see **CAUTION 6**) - ASRock U-COP (see **CAUTION 7**) - Boot Failure Guard (B.F.G.)
Hardware Monitor	- CPU Temperature Sensing - Chassis Temperature Sensing - CPU Fan Tachometer - Chassis Fan Tachometer - Voltage Monitoring: +12V, +5V, +3.3V, Vcore
OS	- Microsoft® Windows® 2000 / XP compliant
Certifications	- FCC, CE, WHQL - ErP/EuP Ready (ErP/EuP ready power supply is required) (see **CAUTION 8**)

* For detailed product information, please visit our website: http://www.asrock.com

WARNING

Please realize that there is a certain risk involved with overclocking, including adjusting the setting in the BIOS, applying Untied Overclocking Technology, or using the third-party overclocking tools. Overclocking may affect your system stability, or even cause damage to the components and devices of your system. It should be done at your own risk and expense. We are not responsible for possible damage caused by overclocking.

CAUTION!

1. Do NOT use a 3.3V AGP card on the AGP slot of this motherboard! It may cause permanent damage!
2. The maximum shared memory size is defined by the chipset vendor and is subject to change. Please check SiS® website for the latest information.
3. Power Management for USB 2.0 works fine under Microsoft® Windows® XP SP1 or SP2 / 2000 SP4.
4. Featuring an advanced proprietary hardware and software design, Intelligent Energy Saver is a revolutionary technology that delivers unparalleled power savings.
5. ASRock Instant Flash is a BIOS flash utility embedded in Flash ROM. This convenient BIOS update tool allows you to update system BIOS without entering operating systems first like MS-DOS or Windows®. With this utility, you can press <F6> key during the POST or press <F2> key to BIOS setup menu to access ASRock Instant Flash. Just launch this tool and save the new BIOS file to your USB flash drive, floppy disk or hard drive, then you can update your BIOS only in a few clicks without preparing an additional floppy diskette or other complicated flash utility. Please be noted that the USB flash drive or hard drive must use FAT32/16/12 file system.
6. Although this motherboard offers stepless control, it is not recommended to perform over clocking. Frequencies other than the recommended CPU bus frequencies may cause the instability of the system or damage the CPU. The CPU host frequency of this motherboard is determined by the jumper-setting. You must set the FSB jumper according to your AMD CPU before you use the “Manual” option as the FSB setting in BIOS setup to perform over clocking. Please check page 14 for details.
7. While CPU overheat is detected, the system will automatically shutdown. Before you resume the system, please check if the CPU fan on the motherboard functions properly and unplug the power cord, then plug it back again. To improve heat dissipation, remember to spray thermal grease between the CPU and the heatsink when you install the PC system.

8. EuP, stands for Energy Using Product, was a provision regulated by European Union to define the power consumption for the completed system. According to EuP, the total AC power of the completed system shall be under 1.00W in off mode condition. To meet EuP standard, an EuP ready motherboard and an EuP ready power supply are required. According to Intel's suggestion, the EuP ready power supply must meet the standard of 5v standby power efficiency is higher than 50% under 100 mA current consumption. For EuP ready power supply selection, we recommend you checking with the power supply manufacturer for more details.

2. Installation

K7S41GX2 is a Micro ATX form factor (9.6-in x 7.8-in, 24.4 cm x 19.8 cm) motherboard. Before you install the motherboard, please study the configuration of your chassis to ensure that the motherboard fits into it.

Pre-installation Precautions

Take note of the following precautions before you install motherboard components or change any motherboard settings.

1. Unplug the power cord from the wall socket before touching any component.
2. To avoid damaging the motherboard components due to static electricity, NEVER place your motherboard directly on the carpet or the like. Also remember to use a grounded wrist strap or touch a safety grounded object before you handle components.
3. Hold components by the edges and do not touch the ICs.
4. Whenever you uninstall any component, place it on a grounded antistatic pad or in the bag that comes with the component.

> Before you install or remove any component, ensure that the power is switched off or the power cord is detached from the power supply. Failure to do so may cause severe damage to the motherboard, peripherals, and/or components.

English

2.1 CPU Installation

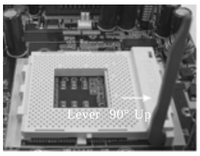
Step 1. Unlock the socket by lifting the lever up to a 90° angle.

Step 2. Position the CPU directly above the socket such that its marked corner matches the base of the socket lever.

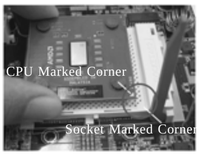
Step 3. Carefully insert the CPU into the socket until it fits in place.

> The CPU fits only in one correct orientation. DO NOT force the CPU into the socket to avoid bending of the pins.

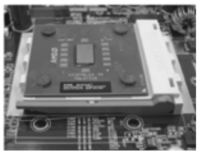
Step 4. When the CPU is in place, press it firmly on the socket while you push down the socket lever to secure the CPU. The lever clicks on the side tab to indicate that it is locked.



STEP 1:
Lift Up The Socket Lever



STEP 2/STEP 3:
Match The CPU Marked Corner to The Socket Marked Corner



STEP 4:
Push Down And Lock The Socket Lever

2.2 Installation of CPU Fan and Heatsink

> This motherboard adopts 462-pin CPU socket to support AMD Athlon XP / Duron CPU. It requires larger heatsink and cooling fan to dissipate heat. You also need to spray thermal grease between the CPU and the heatsink to improve heat dissipation. Make sure that the CPU and the heatsink are securely fastened and in good contact with each other. Then connect the CPU fan to the CPU_FAN connector (CPU_FAN1, see page 2, No. 2). For proper installation, please kindly refer to the instruction manuals of the CPU fan and the heatsink.

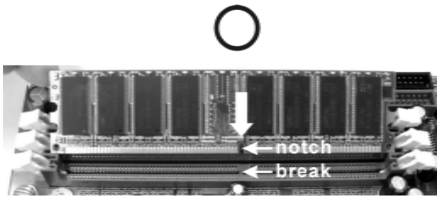
2.3 Installation of Memory Modules (DIMM)

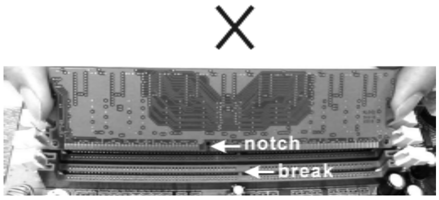
K7S41GX2 motherboard provides two 184-pin DDR (Double Data Rate) DIMM slots.

Please make sure to disconnect power supply before adding or removing DIMMs or the system components.

Step 1. Unlock a DIMM slot by pressing the retaining clips outward.

Step 2. Align a DIMM on the slot such that the notch on the DIMM matches the break on the slot.





The DIMM only fits in one correct orientation. It will cause permanent damage to the motherboard and the DIMM if you force the DIMM into the slot at incorrect orientation.

Step 3. Firmly insert the DIMM into the slot until the retaining clips at both ends fully snap back in place and the DIMM is properly seated.

English

2.4 Expansion Slots (PCI, AMR, and AGP Slots)

There are 2 PCI slots, 1 AMR slot, and 1 AGP slot on ***K7S41GX2*** motherboard.

PCI slots: PCI slots are used to install expansion cards that have the 32-bit PCI interface.

AMR slot: The AMR slot is used to insert an ASRock MR card (optional) with v.92 Modem functionality.

AGP slot: The AGP slot is used to install a graphics card. The ASRock AGP slot has a special design of clasp that can securely fasten the inserted graphics card.

> Please do NOT use a 3.3V AGP card on the AGP slot of this motherboard! It may cause permanent damage! For the voltage information of your graphics card, please check with the graphics card vendors.

Installing an expansion card

Step 1. Before installing the expansion card, please make sure that the power supply is switched off or the power cord is unplugged. Please read the documentation of the expansion card and make necessary hardware settings for the card before you start the installation.

Step 2. Remove the system unit cover (if your motherboard is already installed in a chassis).

Step 3. Remove the bracket facing the slot that you intend to use. Keep the screws for later use.

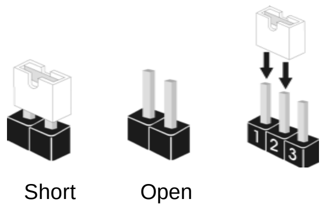
Step 4. Align the card connector with the slot and press firmly until the card is completely seated on the slot.

Step 5. Fasten the card to the chassis with screws.

Step 6. Replace the system cover.

2.5 Jumpers Setup

The illustration shows how jumpers are setup. When the jumper cap is placed on pins, the jumper is "Short". If no jumper cap is placed on pins, the jumper is "Open". The illustration shows a 3-pin jumper whose pin1 and pin2 are "Short" when jumper cap is placed on these 2 pins.



Jumper	Setting	Description
FSB Select Jumpers (see p.2 No. 25)		

Note: The setting of the CPU front side bus frequency of this motherboard is by means of the adjustment of jumper-setting. You must set the FSB jumper according to your AMD CPU before you use the "Manual" option as the FSB setting in BIOS setup to perform over clocking. Please follow the figures above to set the CPU front side bus frequency.

PS2_USB_PWR1
(see p.2 No. 1)



Short pin2, pin3 to enable +5VSB (standby) for PS/2 or USB01/23 wake up events.

Note: To select +5VSB, it requires 2 Amp and higher standby current provided by power supply.

USB_PWR1
(see p.2 No. 16)



Short pin2, pin3 to enable +5VSB (standby) for USB4_5 wake up events.

Note: To select +5VSB, it requires 2 Amp and higher standby current provided by power supply.

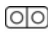
JR1(see p.2 No. 22)
JL1(see p.2 No. 21)



Note: If the jumpers JL1 and JR1 are short (see the figure above), both front panel and rear panel audio connectors can work.

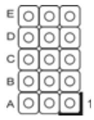
English

Clear CMOS
(CLRCMOS1, 2-pin jumper)
(see p.2 No. 11)


2-pin jumper

Note: CLRCMOS1 allows you to clear the data in CMOS. The data in CMOS includes system setup information such as system password, date, time, and system setup parameters. To clear and reset the system parameters to default setup, please turn off the computer and unplug the power cord from the power supply. After waiting for 15 seconds, use a jumper cap to short 2 pins on CLRCMOS1 for 5 seconds.

J1 Jumpers
(see p.2 No. 28)

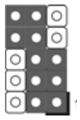


Note: The set of J1 jumpers are only for advanced users to adjust the multiplier of CPU. Please follow the table below to adjust the multiplier of CPU. However, the system will work well without the adjustment of multiplier. You do not have to adjust the multiplier for normal usage.

Multiplier	A	B	C	D	E
5x	1-2	1-2	2-3	1-2	1-2
5.5x	2-3	1-2	2-3	1-2	1-2
6x	1-2	2-3	2-3	1-2	1-2
6.5x	2-3	2-3	2-3	1-2	1-2
7x	1-2	1-2	1-2	2-3	1-2
7.5x	2-3	1-2	1-2	2-3	1-2
8x	1-2	2-3	1-2	2-3	1-2
8.5x	2-3	2-3	1-2	2-3	1-2
9x	1-2	1-2	2-3	2-3	1-2
9.5x	2-3	1-2	2-3	2-3	1-2
10x	1-2	2-3	2-3	2-3	1-2
10.5x	2-3	2-3	2-3	2-3	1-2
11x	1-2	1-2	1-2	1-2	1-2
11.5x	2-3	1-2	1-2	1-2	1-2
12x	1-2	2-3	1-2	1-2	1-2
12.5x	2-3	2-3	1-2	1-2	1-2
13x	1-2	1-2	2-3	1-2	2-3
13.5x	2-3	1-2	2-3	1-2	2-3
14x	1-2	2-3	2-3	1-2	2-3
15x	1-2	1-2	1-2	2-3	2-3
16x	1-2	2-3	1-2	2-3	2-3
16.5x	2-3	2-3	1-2	2-3	2-3
17x	1-2	1-2	2-3	2-3	2-3
18x	2-3	1-2	2-3	2-3	2-3
19x	2-3	1-2	1-2	1-2	2-3
20x	2-3	2-3	1-2	1-2	2-3
21x	2-3	2-3	2-3	1-2	2-3
22x	2-3	1-2	1-2	2-3	2-3
23x	1-2	2-3	2-3	2-3	2-3
24x	2-3	2-3	2-3	2-3	2-3

For example, "Athlon XP 2000+" is an 1666MHz CPU: 12.5 (Multiplier) X 133MHz (External frequency) = 1666MHz

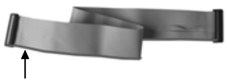
FID jumpers setting:



The jumper caps are not provided by ASRock. Please understand that ASRock does not guarantee and support the adjustment of multiplier. These jumpers setting may not apply to all multiplier-locked or even some unlocked AMD CPU. Frequencies other than the recommended CPU bus frequencies may cause the instability of the system or damage the CPU.

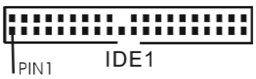
2.6 Connectors

Connectors are NOT jumpers. DO NOT place jumper caps over these connectors. Placing jumper caps over the connectors will cause permanent damage of the motherboard!

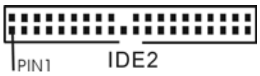
Connector	Figure	Description
FDD Connector (33-pin FLOPPY1) (see p.2 No. 15)		 the red-striped side to Pin1

Note: Make sure the red-striped side of the cable is plugged into Pin1 side of the connector.

Primary IDE Connector (Blue)
(39-pin IDE1, see p.2 No. 8)



Secondary IDE Connector (Black)
(39-pin IDE2, see p.2 No. 7)



connect the blue end to the motherboard



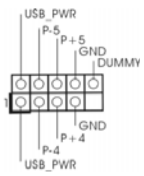
connect the black end to the IDE devices

80-conductor, ATA 66/100/133 cable

Note: If you use only one IDE device on this motherboard, please set the IDE device as "Master". Please refer to the instruction of your IDE device vendor for the details. Besides, to optimize compatibility and performance, please connect your hard disk drive to the primary IDE connector (IDE1, blue) and CD-ROM to the secondary IDE connector (IDE2, black).

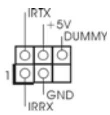
English

USB 2.0 Connector
(9-pin USB45)
(see p.2 No. 17)



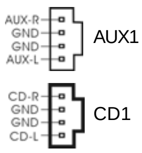
There are 4 default USB 2.0 ports on the rear panel. If the rear USB ports are not sufficient, this USB 2.0 connector is available to support 2 additional USB 2.0 ports.

Infrared Module Connector
(5-pin IR1)
(see p.2 No. 19)



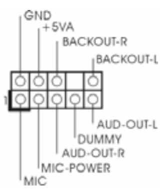
This connector supports an optional wireless transmitting and receiving infrared module.

Internal Audio Connectors
(4-pin CD1, 4-pin AUX1)
(CD1: see p.2 No. 26)
(AUX1: see p.2 No. 27)



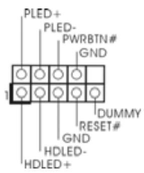
These connectors allow you to receive stereo audio input from sound sources such as a CD-ROM, DVD-ROM, TV tuner card, or MPEG card.

Front Panel Audio Connector
(9-pin AUDIO1)
(see p.2 No. 23)



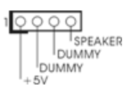
This is an interface for front panel audio cable that allows convenient connection and control of audio devices.

System Panel Connector
(9-pin PANEL1)
(see p.2 No. 13)



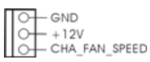
This connector accommodates several system front panel functions.

Chassis Speaker Connector
(4-pin SPEAKER 1)
(see p.2 No. 14)



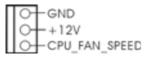
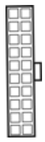
Please connect the chassis speaker to this connector.

Chassis Fan Connector
(3-pin CHA_FAN1)
(see p.2 No. 12)



Please connect a chassis fan cable to this connector and match the black wire to the ground pin.

English

CPU Fan Connector (3-pin CPU_FAN1) (see p.2 No. 2)		Please connect a CPU fan cable to this connector and match the black wire to the ground pin.
ATX Power Connector (20-pin ATXPWR1) (see p.2 No. 6)		Please connect an ATX power supply to this connector.

2.7 Driver Installation Guide

To install the drivers to your system, please insert the support CD to your optical drive first. Then, the drivers compatible to your system can be auto-detected and listed on the support CD driver page. Please follow the order from up to bottom side to install those required drivers. Therefore, the drivers you install can work properly.

English

3. BIOS Information

The Flash Memory on the motherboard stores BIOS Setup Utility. When you start up the computer, please press <F2> during the Power-On-Self-Test (POST) to enter BIOS Setup utility; otherwise, POST continues with its test routines. If you wish to enter BIOS Setup after POST, please restart the system by pressing <Ctl> + <Alt> + <Delete>, or pressing the reset button on the system chassis. The BIOS Setup program is designed to be user-friendly. It is a menu-driven program, which allows you to scroll through its various sub-menus and to select among the predetermined choices. For the detailed information about BIOS Setup, please refer to the User Manual (PDF file) contained in the Support CD.

4. Software Support CD information

This motherboard supports various Microsoft® Windows® operating systems: 2000 / XP. The Support CD that came with the motherboard contains necessary drivers and useful utilities that will enhance motherboard features. To begin using the Support CD, insert the CD into your CD-ROM drive. It will display the Main Menu automatically if "AUTORUN" is enabled in your computer. If the Main Menu does not appear automatically, locate and double-click on the file "ASSETUP.EXE" from the "BIN" folder in the Support CD to display the menus.

1. Einführung

Wir danken Ihnen für den Kauf des ASRock ***K7S41GX2*** Motherboard, ein zuverlässiges Produkt, welches unter den ständigen, strengen Qualitätskontrollen von ASRock gefertigt wurde. Es bietet Ihnen exzellente Leistung und robustes Design, gemäß der Verpflichtung von ASRock zu Qualität und Halbarkeit.
Diese Schnellinstallationsanleitung führt in das Motherboard und die schrittweise Installation ein. Details über das Motherboard finden Sie in der Bedienungsanleitung auf der Support-CD.

> Da sich Motherboard-Spezifikationen und BIOS-Software verändern können, kann der Inhalt dieses Handbuches ebenfalls jederzeit geändert werden. Für den Fall, dass sich Änderungen an diesem Handbuch ergeben, wird eine neue Version auf der ASRock-Website, ohne weitere Ankündigung, verfügbar sein. Die neuesten Grafikkarten und unterstützten CPUs sind auch auf der ASRock-Website aufgelistet.
> ASRock-Website: http://www.asrock.com
> Wenn Sie technische Unterstützung zu Ihrem Motherboard oder spezifische Informationen zu Ihrem Modell benötigen, besuchen Sie bitte unsere Webseite:
> www.asrock.com/support/index.asp

1.1 Kartoninhalt

ASRock ***K7S41GX2*** Motherboard
(Micro ATX-Formfaktor: 24.4 cm x 19.8 cm; 9.6 Zoll x 7.8 Zoll)
ASRock ***K7S41GX2*** Schnellinstallationsanleitung
ASRock ***K7S41GX2*** Support-CD
Ein 80-adriges Ultra-ATA 66/100/133 IDE-Flachbandkabel
Ein Flachbandkabel für ein 3,5-Zoll-Diskettenlaufwerk
Ein I/O Shield

1.2 Spezifikationen

Plattform	- Micro ATX-Formfaktor: 24.4 cm x 19.8 cm; 9.6 Zoll x 7.8 Zoll
CPU	- Sockel 462 für AMD Sempron- / Athlon- / Athlon XP- / Duron-Prozessoren - FSB 333/266/200 MHz
Chipsatz	- Northbridge: SiS® 741GX - Southbridge: SiS® 963L
Speicher	- 2 x Steckplätze für DDR - Unterstützt DDR 400/333/266 non-ECC, ungepufferter Speicher - Max. Kapazität des Systemspeichers: 2GB
Erweiterungs-steckplätze	- 1 x AGP 8X/4X -Steckplatz (siehe **VORSICHT 1**) - 1 x AMR-Steckplatz - 2 x PCI -Steckplätze
Onboard-VGA	- Integrierte Mirage-Grafikkarte - DirectX 7 - Maximal gemeinsam genutzter Speicher 128MB (siehe **VORSICHT 2**) - Unterstützt D-Sub mit einer maximalen Auflösung von 2048 x 1536 bei 75 Hz
Audio	- 5.1 Kanal AC'97 Audio (C-Media® CMI9739A Audio Codec)
LAN	- Realtek LAN PHY RTL8201EL - Speed: 10/100 Ethernet - Unterstützt Wake-On-LAN
E/A-Anschlüsse an der Rückseite	I/O Panel - 1 x PS/2-Mausanschluss - 1 x PS/2-Tastaturanschluss - 1 x Paralleler port: Unterstützung für ECP / EPP - 1 x Serieller port: COM 1 - 1 x VGA port - 4 x Standard-USB 2.0-Anschlüsse - 1 x RJ-45 LAN Port mit LED (ACT/LINK LED und SPEED LED) - Audiobuchse: Audioeingang / Lautsprecher vorne / Mikrofon

Deutsch

Anschlüsse	- 2 x ATA133 IDE-Anschlüsse (Unterstützt bis 4 IDE-Geräte) - 1 x FDD-Anschlüsse - 1 x Infrarot-Modul-Header - CPU/Gehäuse-Anschluss - 20-pin ATX-Netz-Header - Interne Audio-Anschlüsse - Anschluss für Audio auf der Gehäusevorderseite - 1 x USB 2.0-Anschlüsse (Unterstützung 2 zusätzlicher USB 2.0-Anschlüsse) (siehe **VORSICHT 3**)
BIOS	- 2Mb AMI BIOS - AMI legal BIOS mit Unterstützung für "Plug and Play" - ACPI 1.1-Weckfunktionen - SMBIOS 2.3.1
Support-CD	- Treiber, Dienstprogramme, Antivirussoftware (Probeversion)
Einzigartige Eigenschaft	- Intelligent Energy Saver (Intelligente Energiesparfunktion) (siehe **VORSICHT 4**) - Sofortstart - ASRock Instant Flash (siehe **VORSICHT 5**) - Hybrid Booster: - Schrittloser CPU-Frequenz-Kontrolle (siehe **VORSICHT 6**) - ASRock U-COP (siehe **VORSICHT 7**) - Boot Failure Guard (B.F.G. – Systemstartfehlerschutz)
Hardware Monitor	- CPU-Temperatursensor - Motherboardtemperaturerkennung - Drehzahlmessung für CPU-Lüfter - Drehzahlmessung für Gehäuselüfter - Spannungsüberwachung: +12V, +5V, +3.3V, Vcore
Betriebssysteme	- Unterstützt Microsoft® Windows® 2000 / XP
Zertifizierungen	- FCC, CE, WHQL - Gemäß Ökodesign-Richtlinie (ErP/EuP) (Stromversorgung gemäß Ökodesign-Richtlinie (ErP/EuP) erforderlich) (siehe **VORSICHT 8**)

* Für die ausführliche Produktinformation, besuchen Sie bitte unsere Website: http://www.asrock.com

WARNUNG

Beachten Sie bitte, dass Overclocking, einschließlich der Einstellung im BIOS, Anwenden der Untied Overclocking-Technologie oder Verwenden von Overclocking-Werkzeugen von Dritten, mit einem gewissen Risiko behaftet ist. Overclocking kann sich nachteilig auf die Stabilität Ihres Systems auswirken oder sogar Komponenten und Geräte Ihres Systems beschädigen. Es geschieht dann auf eigene Gefahr und auf Ihre Kosten. Wir übernehmen keine Verantwortung für mögliche Schäden, die aufgrund von Overclocking verursacht wurden.

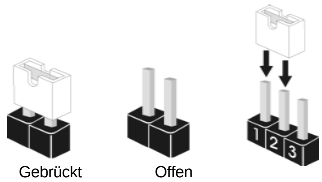
VORSICHT!

1. Stecken Sie KEINE 3,3V AGP-Karte in den AGP-Steckplatz dieses Motherboards! Permanente Beschädigung könnte die Folge sein!
2. Die Maximalspeichergröße ist von den Chipshändler definiert und umgetauscht. Bitte überprüfen Sie SiS® website für die neuliche Information.
3. Das Power Management für USB 2.0 arbeitet unter Microsoft® Windows® XP SP1 oder SP2/2000 SP4 einwandfrei.
4. Mit einer eigenen, modernen Hardware und speziellem Softwaredesign, bietet der Intelligent Energy Saver eine revolutionäre Technologie zur bisher unerreichten Energieeinsparung.
5. ASRock Instant Flash ist ein im Flash-ROM eingebettetes BIOS-Flash-Programm. Mithilfe dieses praktischen BIOS-Aktualisierungswerkzeugs können Sie das System-BIOS aktualisieren, ohne dafür zuerst Betriebssysteme wie MS-DOS oder Windows® aufrufen zu müssen. Mit diesem Programm bekommen Sie durch Drücken der <F6>-Taste während des POST-Vorgangs oder durch Drücken der <F2>-Taste im BIOS-Setup-Menü Zugang zu ASRock Instant Flash. Sie brauchen dieses Werkzeug einfach nur zu starten und die neue BIOS-Datei auf Ihrem USB-Flash-Laufwerk, Diskettenlaufwerk oder der Festplatte zu speichern, und schon können Sie Ihr BIOS mit nur wenigen Klickvorgängen ohne Bereitstellung einer zusätzlichen Diskette oder eines anderen komplizierten Flash-Programms aktualisieren. Achten Sie darauf, dass das USB-Flash-Laufwerk oder die Festplatte das Dateisystem FAT32/16/12 benutzen muss.
6. Obwohl dieses Motherboard stufenlose Steuerung bietet, wird Overclocking nicht empfohlen. Frequenzen, die von den empfohlenen CPU-Busfrequenzen abweichen, können Instabilität des Systems verursachen oder die CPU beschädigen. Die CPU-Hostfrequenz dieses Motherboards entscheidet die Jumper-Einstellung. Sie müssen den FSB-Jumper gemäß Ihrer AMD-CPU setzen, bevor Sie mit der Option "Manual" als FSB-Einstellung im BIOS-Setup Overclocking ausführen. Details hierzu siehe Seite 14 der Bedienungsanleitung.

7. Wird eine Überhitzung der CPU registriert, führt das System einen automatischen Shutdown durch. Bevor Sie das System neu starten, prüfen Sie bitte, ob der CPU-Lüfter am Motherboard richtig funktioniert, und stecken Sie bitte den Stromkabelstecker aus und dann wieder ein. Um die Wärmeableitung zu verbessern, bitte nicht vergessen, etwas Wärmeleitpaste zwischen CPU und Kühlkörper zu sprühen.
8. EuP steht für Energy Using Product und kennzeichnet die Ökodesign-Richtlinie, die von der Europäischen Gemeinschaft zur Festlegung des Energieverbrauchs von vollständigen Systemen in Kraft gesetzt wurde. Gemäß dieser Ökodesign-Richtlinie (EuP) muss der gesamte Netzstromverbrauch von vollständigen Systemen unter 1,00 Watt liegen, wenn sie ausgeschaltet sind. Um dem EuP-Standard zu entsprechen, sind ein EuP-fähiges Motherboard und eine EuP-fähige Stromversorgung erforderlich. Gemäß einer Empfehlung von Intel muss eine EuP-fähige Stromversorgung dem Standard entsprechen, was bedeutet, dass bei einem Stromverbrauch von 100 mA die 5-Volt-Standby-Energieeffizienz höher als 50% sein sollte. Für die Wahl einer EuP-fähigen Stromversorgung empfehlen wir Ihnen, weitere Details beim Hersteller der Stromversorgung abzufragen.

1.3 Einstellung der Jumper

Die Abbildung verdeutlicht, wie Jumper gesetzt werden. Werden Pins durch Jumperkappen verdeckt, ist der Jumper “gebrückt”. Werden keine Pins durch Jumperkappen verdeckt, ist der Jumper “offen”. Die Abbildung zeigt einen 3-Pin Jumper dessen Pin1 und Pin2 “gebrückt” sind, bzw. es befindet sich eine Jumper-Kappe auf diesen beiden Pins.



Gebrückt Offen

Jumper **Einstellun**

FSB Select Jumpers
(siehe S.2, Punkt 25)



Hinweis: Die CPU-Host-Frequenz dieses Motherboards wird von der Jumper-Einstellung bestimmt. Sie müssen den FSB-Jumper gemäß Ihrer AMD-CPU setzen, bevor Sie mit der Option “Manual” (Manuell) im BIOS-Setup Overclocking als FSB-Einstellung vornehmen. Folgen Sie den Abbildungen, um die “Front Side Bus”-Frequenz einzustellen.

PS2_USB_PWR1
(siehe S.2, Punkt 1)



Überbrücken Sie Pin2, Pin3, um +5VSB (Standby) zu setzen und die PS/2 oder USB01/23-Weckfunktionen zu aktivieren.

Hinweis: Um +5VSB nutzen zu können, muss das Netzteil auf dieser Leitung 2A oder mehr leisten können.

USB_PWR1
(siehe S.2, Punkt 16)



Überbrücken Sie Pin2, Pin3, um +5VSB (Standby) zu setzen und die USB4_5-Weckfunktionen zu aktivieren.

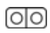
Hinweis: Um +5VSB nutzen zu können, muss das Netzteil auf dieser Leitung 2A oder mehr leisten können.

JR1 (siehe S.2, Punkt 22)
JL1(siehe S.2, Punkt 21)



Hinweis: Sind die Jumper JL1 und JR1 kurzgeschlossen (siehe obige Abbildung), funktionieren die Audioanschlüsse auf der Vorderseite und der Rückseite.

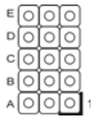
CMOS löschen
(CLRCMOS1, 2-Pin jumper)
(siehe S.2 - No. 11)


2-pin Jumper

Hinweis: CLRCMOS1 erlaubt Ihnen das Löschen der CMOS-Daten. Diese beinhalten das System-Passwort, Datum, Zeit und die verschiedenen BIOS-Parameter. Um die

Systemparameter zu löschen und auf die Werkseinstellung zurückzusetzen, schalten Sie bitte den Computer ab und entfernen das Stromkabel. Benutzen Sie eine Jumperkappe, um die Pins an CLRCMOS1 für 5 Sekunden kurzzuschließen.

J1 Jumpers
(siehe S.2, Punkt 28)



Hinweis: Das Set mit J1-Jumpern dient zum Einstellen der Multiplier der CPU. Details sind im Handbuch auf Seite 14 angegeben.

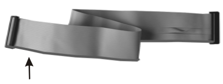
1.4 Anschlüsse

Anschlussleisten sind KEINE Jumper. Setzen Sie KEINE Jumperkappen auf die Pins der Anschlussleisten. Wenn Sie die Jumperkappen auf die Anschlüsse setzen, wird das Motherboard permanent beschädigt!

Anschluss | **Beschreibung**

Anschluss für das Floppy-Laufwerk
(33-Pin FLOPPY1)
(siehe S.2, Punkt 15)

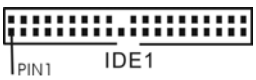




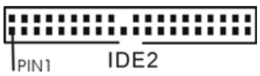
die rotgestreifte Seite auf Stift 1

Hinweis: Achten Sie darauf, dass die rotgestreifte Seite des Kabel mit der Stift 1-Seite des Anschlusses verbunden wird.

Primärer IDE-Anschluss (blau)
(39-pin IDE1, siehe S.2, Punkt 8)



Sekundärer IDE-Anschluss (schwarz)
(39-pin IDE2, siehe S.2, Punkt 7)



Blauer Anschluss zum Motherboard

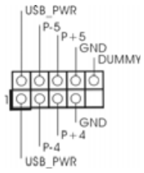


Schwarzer Anschluss zur Festplatte

80-adriges ATA 66/100/133-Kabel

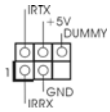
Hinweis: Wenn Sie auf diesem Motherboard nur ein IDE-Gerät einsetzen, richten Sie das IDE-Gerät als “Master” ein. Details entnehmen Sie bitte den Anweisungen Ihres IDE-Gerätehändlers. Zur Optimierung der Kompatibilität und Leistung verbinden Sie die Festplatte mit dem primären IDE-Anschluss (IDE1, blau) und das CD-ROM mit dem sekundären IDE-Anschluss (IDE2, schwarz).

USB 2.0-Anschlüsse
(9-pin USB45)
(siehe S.2 - Punkt 17)



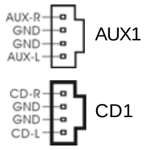
I/O besitzt 4 USB 2.0-Standardanschlüsse. Wenn die USB 2.0-Anschlüsse auf der Rückseite nicht ausreichen, gibt es diesen USB 2.0-Anschlüsse, um 2 zusätzliche USB 2.0-Anschlüsse zu unterstützen.

Anschluss für Infrarot-Modul
(5-Pin IR1)
(siehe S.2, Punkt 19)



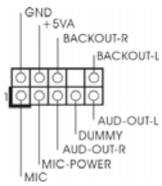
Dieser Anschluss unterstützt einen optionalen Infrarot-Sender/Empfänger.

Interne Audio-Anschlüsse
(4-Pin CD1, 4-Pin AUX1)
(CD1: siehe S.2, Punkt 26)
(AUX1: siehe S.2, Punkt 27)



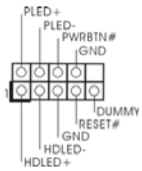
Diese ermöglichen Ihnen Stereo-Signalquellen, wie z. B. CD-ROM, DVD-ROM, TV-Tuner oder MPEG-Karten mit Ihrem System zu verbinden.

Anschluss für Audio auf der Gehäusevorderseite
(9-Pin AUDIO1)
(siehe S.2, Punkt 23)



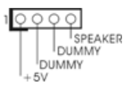
Dieses Interface zu einem Audio-Panel auf der Vorderseite Ihres Gehäuses, ermöglicht Ihnen eine bequeme Kontrolle über Audio-Geräte.

System Panel Anschluss
(9-Pin PANEL1)
(siehe S.2, Punkt 13)



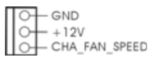
Dieser Anschluss ist für die verschiedenen Funktionen der Gehäusefront.

Anschluss für Gehäuselautsprecher
(4-pin SPEAKER1)
(siehe S.2, Punkt 14)

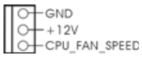


Verbinden Sie den Gehäuselautsprecher mit diesem Anschluss.

Anschluss für Gehäuselüfter
(3-pin CHA_FAN1)
(siehe S.2, Punkt 12)



Verbinden Sie das Gehäuselüfterkabel mit diesem Anschluss und den schwarzen Draht mit dem Erdungsstift.

Anschluss für CPU-Lüfter (3-pin CPU_FAN1) (siehe S.2, Punkt 2)	 	Verbinden Sie ein CPU-Lüfterkabel mit diesem Anschluss und den schwarzen Draht mit dem Erdungsstift.
Anschluss für ATX-Netzteil (20-pin ATXPWR1) (siehe S.2, Punkt 6)		Verbinden Sie eine ATX-Stromversorgung mit diesem Anschluss.

Deutsch

2. BIOS-Information

Das Flash Memory dieses Motherboards speichert das Setup-Utility. Drücken Sie <F2> während des POST (Power-On-Self-Test) um ins Setup zu gelangen, ansonsten werden die Testroutinen weiter abgearbeitet. Wenn Sie ins Setup gelangen wollen, nachdem der POST durchgeführt wurde, müssen Sie das System über die Tastenkombination <Ctrl> + <Alt> + <Delete> oder den Reset-Knopf auf der Gehäusevorderseite, neu starten. Natürlich können Sie einen Neustart auch durchführen, indem Sie das System kurz ab- und danach wieder anschalten.
Das Setup-Programm ist für eine bequeme Bedienung entwickelt worden. Es ist ein menügesteuertes Programm, in dem Sie durch unterschiedliche Untermenüs scrollen und die vorab festgelegten Optionen auswählen können. Für detaillierte Informationen zum BIOS-Setup, siehe bitte das Benutzerhandbuch (PDF Datei) auf der Support CD.

3. Software Support CD information

Dieses Motherboard unterstützt eine Reiche von Microsoft® Windows® Betriebssystemen: 2000 / XP. Die Ihrem Motherboard beigefügte Support-CD enthält hilfreiche Software, Treiber und Hilfsprogramme, mit denen Sie die Funktionen Ihres Motherboards verbessern können Legen Sie die Support-CD zunächst in Ihr CD-ROM-Laufwerk ein. Der Willkommensbildschirm mit den Installationsmenüs der CD wird automatisch aufgerufen, wenn Sie die “Autorun”-Funktion Ihres Systems aktiviert haben.
Erscheint der Wilkommensbildschirm nicht, so “doppelklicken” Sie bitte auf das File “ASSETUP.EXE” im BIN-Verzeichnis der Support-CD, um die Menüs aufzurufen.
Das Setup-Programm soll es Ihnen so leicht wie möglich machen. Es ist menügesteuert, d.h. Sie können in den verschiedenen Untermenüs Ihre Auswahl treffen und die Programme werden dann automatisch installiert.

Deutsch

1. Introduction

Merci pour votre achat d'une carte mère ASRock ***K7S41GX2***, une carte mère très fiable produite selon les critères de qualité rigoureux de ASRock. Elle offre des performances excellentes et une conception robuste conformément à l'engagement d'ASRock sur la qualité et la fiabilité au long terme.
Ce Guide d'installation rapide présente la carte mère et constitue un guide d'installation pas à pas. Des informations plus détaillées concernant la carte mère pourront être trouvées dans le manuel l'utilisateur qui se trouve sur le CD d'assistance.

> Les spécifications de la carte mère et le BIOS ayant pu être mis à jour, le contenu de ce manuel est sujet à des changements sans notification. Au cas où n'importe qu'elle modification intervenait sur ce manuel, la version mise à jour serait disponible sur le site web ASRock sans nouvel avis. Vous trouverez les listes de prise en charge des cartes VGA et CPU également sur le site Web ASRock.
> Site web ASRock, http://www.asrock.com
> Si vous avez besoin de support technique en relation avec cette carte mère, veuillez consulter notre site Web pour de plus amples informations particulières au modèle que vous utilisez.
> www.asrock.com/support/index.asp

1.1 Contenu du paquet

Carte mère ASRock ***K7S41GX2***
(Facteur de forme Micro ATX: 9.6 pouces x 7.8 pouces, 24.4 cm x 19.8 cm)
Guide d'installation rapide ASRock ***K7S41GX2***
CD de soutien ASRock ***K7S41GX2***
Un câble ruban IDE Ultra ATA 66/100/133 80 conducteurs
Un câble ruban pour un lecteur de disquettes 3,5 pouces
Un écran I/O

1.2 Spécifications

Format	- Facteur de forme Micro ATX: 9.6 pouces x 7.8 pouces, 24.4 cm x 19.8 cm
CPU	- Socket 462 pour processeurs AMD Sempron / Athlon / Athlon XP / Duron - FSB 333/266/200 MHz
Chipsets	- Northbridge: SiS® 741GX - Southbridge: SiS® 963L
Mémoire	- 2 x slots DIMM DDR - Supporter DDR 400/333/266 non-ECC, sans amortissement mémoire - Capacité maxi de mémoire système: 2GB
Slot d'extension	- 1 x slot AGP 8X/4X (voir **ATTENTION 1**) - 1 x slot AMR - 2 x slots PCI
VGA sur carte	- Carte graphique Mirage intégrée - DirectX 7 - mémoire partagée max 128MB (voir **ATTENTION 2**) - Prend en charge le D-Sub avec une résolution maximale jusqu'à 2048x1536 @ 75Hz
Audio	- 5.1 canaux audio AC'97 (codec audio C-Media® CMI9739A)
LAN	- Realtek LAN PHY RTL8201EL - Vitesse: 10/100 Ethernet - Support du Wake-On-LAN
Panneau arrière E/S	I/O Panel - 1 x port souris PS/2 - 1 x port clavier PS/2 - 1 x port parallèle: Support ECP/EPP - 1 x port série: COM 1 - 1 x port VGA - 4 x ports USB 2.0 par défaut - 1 x port LAN RJ-45 avec LED (ACT/LED CLIGNOTANTE et LED VITESSE) - Prise Audio: Entrée Ligne / Haut-parleur frontal / Microphone
Connecteurs	- 2 x ATA133 IDE connecteurs (prend en charge jusqu'à 4 périphériques IDE) - 1 x Port Disquette - 1 x En-tête du module infrarouge - Connecteur pour ventilateur de CPU/Châssis

	- br. 20 connecteur d'alimentation ATX - Connecteurs audio internes - Connecteur audio panneau avant - 1 x En-tête USB 2.0 (prendre en charge 2 ports USB 2.0 supplémentaires) (voir **ATTENTION 3**)
BIOS	- 2Mb BIOS AMI - BIOS AMI - Support du "Plug and Play" - Compatible pour événements de réveil ACPI 1.1 - Support SMBIOS 2.3.1
CD d'assistance	- Pilotes, utilitaires, logiciel anti-virus (Version d'essai)
Caractéristique unique	- Économiseur d'énergie intelligent (voir **ATTENTION 4**) - l'Instant Boot - ASRock Instant Flash (voir **ATTENTION 5**) - L'accélérateur hybride: - Contrôle direct de la fréquence CPU (voir **ATTENTION 6**) - ASRock U-COP (voir **ATTENTION 7**)
Surveillance système	- Détection de la température de l'UC - Mesure de température de la carte mère - Tachéomètre ventilateur CPU - Tachéomètre ventilateur châssis - Monitoring de la tension: +12V, +5V, +3.3V, Vcore
OS	- Microsoft® Windows® 2000 / XP
Certifications	- FCC, CE, WHQL - Prêt pour ErP/EuP (alimentation Prêt pour ErP/EuP requise) (voir **ATTENTION 8**)

* Pour de plus amples informations sur les produits, s'il vous plaît visitez notre site web: http://www.asrock.com

ATTENTION

Il est important que vous réalisiez qu'il y a un certain risque à effectuer l'overclocking, y compris ajuster les réglages du BIOS, appliquer la technologie Untied Overclocking, ou utiliser des outils de tiers pour l'overclocking. L'overclocking peut affecter la stabilité de votre système, ou même causer des dommages aux composants et dispositifs de votre système. Si vous le faites, c'est à vos frais et vos propres risques. Nous ne sommes pas responsables des dommages possibles causés par l'overclocking.

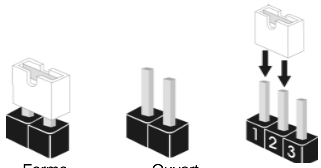
ATTENTION!

1. Ne PAS utiliser de carte AGP 3,3V AGP sur l'emplacement AGP de cette carte mère! Cela risque de causer des dommages irréversibles!
2. La dimension maximum du memoire partage est definie par le vendeur de jeu de puces et est sujet de changer. Veuillez verifier la SiS® website pour les informations recentes SVP.
3. La gestion de l'alimentation pour l'USB 2.0 fonctionne bien sous Microsoft® Windows® XP SP1 ou SP2/2000 SP4.
4. Avec une conception matérielle et logicielle propriétaire avancée, Intelligent Energy Saver (L'économiseur d'énergie intelligent) est une technologie révolutionnaire qui apporte des économies d'énergie sans précédent.
5. O ASRock Instant Flash é um utilitário de flash do BIOS incorporado na memória Flash ROM. Esta prática ferramenta de actualização do BIOS permite-lhe actualizar o BIOS do sistema sem necessitar de entrar nos sistemas operativos, como o MS-DOS ou o Windows®. Com este utilitário, poderá premir a tecla <F6> durante o teste de arranque POST ou premir a tecla <F2> para exibir o menu de configuração do BIOS para aceder ao ASRock Instant Flash. Execute esta ferramenta para guardar o novo ficheiro de BIOS numa unidade flash USB, numa disquete ou num disco rígido, em seguida, poderá actualizar o BIOS com apenas alguns cliques sem ter de utilizar outra disquete ou outro complicado utilitário de flash. Note que a unidade flash USB ou a unidade de disco rígido devem utilizar o sistema de ficheiros FAT32/16/12.
6. Même si cette carte mère offre un contrôle sans souci, il n'est pas recommandé d'y appliquer un over clocking.. Les fréquences autres que les fréquences de bus d'UC recommandées risquent de déstabiliser le système ou d'endommager l'UC. La fréquence hôte d'UC de cette carte mère est déterminée par un réglage de cavalier. Vous devez configurer le cavalier FSB en fonction de votre UC AMD avant d'utiliser l'option "Manuel" comme réglage FSB dans la Configuration BIOS pour appliquer un over clocking. Veuillez consulter la page 14.
7. Lorsqu'une surchauffe du CPU est détectée, le système s'arrête automatiquement. Avant de redémarrer le système, veuillez vérifier que le ventilateur d'UC sur la carte mère fonctionne correctement et débranchez le cordon d'alimentation, puis rebranchez-le. Pour améliorer la dissipation de la chaleur, n'oubliez pas de mettre de la pâte thermique entre le CPU le dissipateur lors de l'installation du PC.

8. EuP, qui signifie Energy Using Product (Produit Utilisant de l'Energie), est une disposition établie par l'Union Européenne pour définir la consommation de courant pour le système entier. Conformément à la norme EuP, le courant CA total du système entier doit être inférieur à 1 W en mode d'arrêt. Pour être conforme à la norme EuP, une carte mère EuP et une alimentation EuP sont requises. Selon les suggestions d'Intel', l'alimentation électrique EuP doit correspondre à la norme, qui est que l'efficacité électrique de 5v en mode de veille doit être supérieure à 50% pour 100 mA de consommation de courant. Pour choisir une alimentation électrique conforme à la norme EuP, nous vous recommandons de consulter votre fournisseur de courant pour plus de détails.

1.3 Réglage des cavaliers

L'illustration explique le réglage des cavaliers. Quand un capuchon est placé sur les broches, le cavalier est « FERME ». Si aucun capuchon ne relie les broches,le cavalier est « OUVERT ». L'illustration montre un cavalier à 3 broches dont les broches 1 et 2 sont « FERMEES » quand le capuchon est placé sur ces 2 broches.



Ferme Ouvert

Le cavalier **Description**

FSB Select Jumpers
(voir p.2 fig. 25)



Note: La fréquence hôte du CPU de cette carte mère est déterminée par le réglage des cavaliers. Vous devez régler le cavalier FSB en fonction de votre processeur AMD avant d'utiliser l'option “Manuel (Manual)” comme réglage FSB dans le réglage BIOS pour effectuer l'overclocking. Suivez les schémas pour régler la fréquence FSB du CPU.

PS2_USB_PWR1
(voir p.2 fig. 1)



Court-circuitez les broches 2 et 3 pour choisir +5VSB (standby) et permettre aux périphériques PS/2 ou USB01/23 de réveiller le système.

Note: Pour sélectionner +5VSB, il faut obligatoirement 2 Amp et un courant standby supérieur fourni par l'alimentation.

USB_PWR1
(voir p.2 fig. 16)



Court-circuitez les broches 2 et 3 pour choisir +5VSB (standby) et permettre aux périphériques USB4_5 de réveiller le système.

Note: Pour sélectionner +5VSB, il faut obligatoirement 2 Amp et un courant standby supérieur fourni par l'alimentation.

JR1(voir p.2 fig. 22)
JL1(voir p.2 fig. 21)



Note: Si les cavaliers JL1 et JR1 sont court-circuités (voir le figure ci-dessus), les connecteurs audio du panneau avant et du panneau arrière peuvent fonctionner.

Effacer la CMOS
(CLRCMOS1,
le cavalier à 2 broches)
(voir p.2 No. 11)

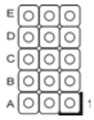


cavalier 2 broches

Note: CLRCMOS1 vous permet d'effacer les données de la CMOS. Ces données incluent les

informations système telles que le mot de passe, la date, l'heure, et les paramètres du système. Pour restaurer les paramètres système à leur valeur par défaut, éteignez l'ordinateur et débranchez le câble d'alimentation. Puis placez un cavalier sur les pins CLRCMOS1 pendant 5 secondes. N'oubliez pas de retirer le cavalier avant après avoir restauré le CMOS.

J1 Jumpers
(voir p.2 fig. 28)



Note: L'ensemble de cavaliers J1 est conçu pour régler le coefficient multiplicateur du processeur. Pour obtenir des informations détaillées, veuillez vous référer à la page 14 du Manuel Utilisateur.

1.4 Connecteurs

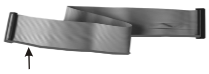


Les connecteurs NE SONT PAS des cavaliers. NE PLACEZ AUCUN capuchon sur ces connecteurs. Poser les bouchons pour cavaliers audessus des connecteurs provoquera des dommages irrémédiables à la carte mère!

Les connecteurs **Description**

Connecteur du lecteur de disquette
(FLOPPY1 br. 33)
(voir p.2 fig. 15)

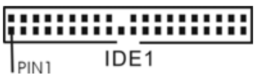




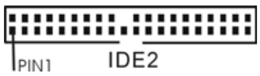
le côté avec fil rouge côté Broche1

Note: Assurez-vous que le côté avec fil rouge du câble est bien branché sur le côté Broche1 du connecteur.

Connecteur IDE primaire (bleu)
(IDE1 br. 39, voir p.2 fig. 8)



Connecteur IDE secondaire (noir)
(IDE2 br. 39, voir p.2 fig. 7)



connecteur bleu
vers la carte mère

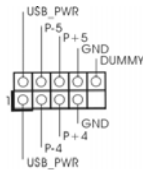


connecteur noir
vers le disque dur

Câble ATA 66/100/133 80 conducteurs

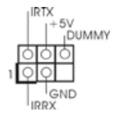
Note: Si vous utilisez seulement un périphérique IDE sur cette carte mère, veuillez configurer le périphérique IDE comme "Maître". Veuillez vous reporter aux instructions du fabricant de votre IDE périphérique pour les détails. En outre, pour optimiser la compatibilité et les performances, veuillez connecter votre unité de disque dur sur le connecteur IDE principal (IDE1, bleu) et votre CD-ROM sur le connecteur IDE secondaire (IDE2, noir).

Connecteur USB 2.0
(USB45 br.9)
(voir p.2 fig. 17)



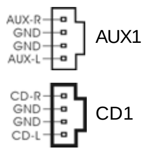
I/O dispose de 4 ports USB 2.0 par défaut. Si ces ports USB 2.0 situés sur le panneau arrière ne sont pas suffisants, ce socle de connexion USB 2.0 est capable de connecter 2 ports USB 2.0 supplémentaires.

Connecteur module infrarouge
(IR1 br. 5)
(voir p.2 fig. 19)



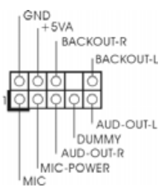
Ce connecteur gère un module en option d'émission/réception sans fil infrarouge.

Connecteurs audio internes
(CD1 br. 4, AUX1 br. 4)
(CD1: voir p.2 fig. 26)
(AUX1: voir p.2 fig. 27)



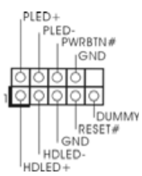
Ils vous permettent de gérer des entrées audio à partir de sources stéréo comme un CD-ROM, DVD-ROM, un tuner TV ou une carte MPEG.

Connecteur audio panneau avant
(AUDIO1 br. 9)
(voir p.2 fig. 23)



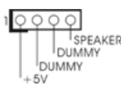
C'est une interface pour un câble audio en façade qui permet le branchement et le contrôle commodes de périphériques audio.

Connecteur pour panneau
(PANEL1 br. 9)
(voir p.2 fig. 13)



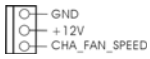
Ce connecteur offre plusieurs fonctions système en façade.

Connecteur du haut-parleur du châssis
(SPEAKER1 br. 4)
(voir p.2 fig. 14)



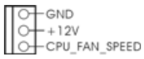
Veuillez connecter le haut-parleur de châssis sur ce connecteur.

Connecteur pour ventilateur de châssis
(CHA_FAN1 br. 3)
(voir p.2 fig. 12)



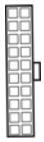
Veuillez connecter le câble du ventilateur du châssis sur ce connecteur en branchant le fil noir sur la broche de terre.

Connecteur pour ventilateur CPU
(CPU_FAN1 br. 3)
(voir p.2 fig. 2)



Veuillez connecter un câble de ventilateur d'UC sur ce connecteur et brancher le fil noir sur la broche de terre.

Connecteur d'alimentation ATX
(ATXPWR1 br. 20)
(voir p.2 fig. 6)



Veuillez connecter une unité d'alimentation ATX sur ce connecteur.

Français

2. Informations sur le BIOS

La puce Flash Memory sur la carte mère stocke le Setup du BIOS. Lorsque vous démarrez l'ordinateur, veuillez presser <F2> pendant le POST (Power-On-Self-Test) pour entrer dans le BIOS; sinon, le POST continue ses tests de routine. Si vous désirez entrer dans le BIOS après le POST, veuillez redémarrer le système en pressant <Ctl> + <Alt> + <Suppr>, ou en pressant le bouton de reset sur le boîtier du système.
Vous pouvez également redémarrer en éteignant le système et en le rallumant.
L'utilitaire d'installation du BIOS est conçu pour être convivial. C'est un programme piloté par menu, qui vous permet de faire défiler par ses divers sous-menus et de choisir parmi les choix prédéterminés. Pour des informations détaillées sur le BIOS, veuillez consulter le Guide de l'utilisateur (fichier PDF) dans le CD technique.

3. Informations sur le CD de support

Cette carte mère supporte divers systèmes d'exploitation Microsoft® Windows®: 2000 / XP. Le CD technique livré avec cette carte mère contient les pilotes et les utilitaires nécessaires pour améliorer les fonctions de la carte mère.
Pour utiliser le CD technique, insérez-le dans le lecteur de CD-ROM. Le Menu principal s'affiche automatiquement si "AUTORUN" est activé dans votre ordinateur.
Si le Menu principal n'apparaît pas automatiquement, localisez dans le CD technique le fichier ASSETUP.EXE dans le dossier BIN et double-cliquez dessus pour afficher les menus.

1. Introduzione

Grazie per aver scelto una scheda madre ASRock ***K7S41GX2***, una scheda madre affidabile prodotta secondo i severi criteri di qualità ASRock. Le prestazioni eccellenti e il design robusto si conformano all'impegno di ASRock nella ricerca della qualità e della resistenza. Questa Guida Rapida all'Installazione contiene l'introduzione alla motherboard e la guida passo-passo all'installazione. Informazioni più dettagliate sulla motherboard si possono trovare nel manuale per l'utente presente nel CD di supporto.

> Le specifiche della scheda madre e il software del BIOS possono essere aggiornati, pertanto il contenuto di questo manuale può subire variazioni senza preavviso. Nel caso in cui questo manuale sia modificato, la versione aggiornata sarà disponibile sul sito di ASRock senza altro avviso. Sul sito ASRock si possono anche trovare le più recenti schede VGA e gli elenchi di CPU supportate.
> ASRock website http://www.asrock.com
> Se si necessita dell'assistenza tecnica per questa scheda madre, visitare il nostro sito per informazioni specifiche sul modello che si sta usando.
> www.asrock.com/support/index.asp

1.1 Contenuto della confezione

Scheda madre ASRock ***K7S41GX2***
(Micro ATX Form Factor: 9.6-in x 7.8-in, 24.4 cm x 19.8 cm)
Guida di installazione rapida ASRock ***K7S41GX2***
CD di supporto ASRock ***K7S41GX2***
Un cavo IDE 80-pin Ultra ATA 66/100/133
Un cavo per floppy drive a 1,44 Mb
Un I/O Shield

1.2 Specifiche

Piattaforma	- Micro ATX Form Factor: 9.6-in x 7.8-in, 24.4 cm x 19.8 cm
Processore	- Socket 462 per processori AMD Sempron / Athlon / Athlon XP / Duron - FSB 333/266/200 MHz
Chipset	- Northbridge: SiS® 741GX - Southbridge: SiS® 963L
Memoria	- 2 x slot DDR DIMM - Supporto DDR 400/333/266 non-ECC, momoria senza buffer - Capacità massima della memoria di sistema: 2GB
Slot di espansione	- 1 x slot AGP 8X/4X (vedi **ATTENZIONE 1**) - 1 x slot AMR - 2 x slot PCI
VGA su scheda	- Scheda grafica Mirage integrata - DirectX 7 - Memoria massima condivisa 128MB (vedi **ATTENZIONE 2**) - Supporta D-Sub con risoluzione massima fino a 2048x1536 @ 75Hz
Audio	- AC'97 Audio a 5.1 canali (C-Media® CMI9739A Audio Codec)
LAN	- Realtek LAN PHY RTL8201EL - Velocità: 10/100 Ethernet - Supporta Wake-On-LAN
Pannello posteriore I/O	I/O Panel - 1 x Porta PS/2 per mouse - 1 x Porta PS/2 per tastiera - 1 x Porta parallela: supporto ECP/EPP - 1 x Porta COM - 1 x Porta VGA - 4 x Porte USB 2.0 già integrate - 1 x porte LAN RJ-45 con LED (LED azione/collegamento e LED velocità) - Connettore Audio: ingresso linea / cassa frontale / microfono
Connettori	- 2 x connettori ATA133 IDE (supporta fino a 4 dispositivi IDE) - 1 x porta Floppy - 1 x Collettore modulo infrarossi - Connettore CPU/Chassis ventola - 20-pin collettore alimentazione ATX - Connettori audio interni - Connettore audio sul pannello frontale - 1 x Collettore USB 2.0 (supporta 2 porte USB 2.0) (vedi **ATTENZIONE 3**)

Italiano

BIOS	- 2Mb AMI BIOS - Suppor AMI legal BIOS - Supporta "Plug and Play" - Compatibile con ACPI 1.1 wake up events - Supporta SMBIOS 2.3.1
CD di supporto	- Driver, utilità, software antivirus (Versione dimostrativa)
Caratteristica speciale	- Intelligent Energy Saver (Risparmio intelligente dell'energia) (vedi **ATTENZIONE 4**) - Instant Boot - ASRock Instant Flash (vedi **ATTENZIONE 5**) - Booster ibrido: - Stepless control per frequenza del processore (vedi **ATTENZIONE 6**) - ASRock U-COP (vedi **ATTENZIONE 7**) - Boot Failure Guard (B.F.G.)
Monitoraggio Hardware	- Sensore per la temperatura del processore - Sensore temperatura scheda madre - Indicatore di velocità per la ventola del processore - Indicatore di velocità per la ventola di raffreddamento - Voltaggio: +12V, +5V, +3.3V, Vcore
Compatibilità SO	- Microsoft® Windows® 2000 / XP
Certificazioni	- FCC, CE, WHQL - Predisposto ErP/EuP (è necessaria l'alimentazione predisposta per il sistema ErP/EuP) (vedi **ATTENZIONE 8**)

* Per ulteriori informazioni, prego visitare il nostro sito internet: http://www.asrock.com

AVVISO

Si prega di prendere atto che la procedura di overclocking implica dei rischi, come anche la regolazione delle impostazioni del BIOS, l'applicazione della tecnologia Untied Overclocking Technology, oppure l'uso di strumenti di overclocking forniti da terzi. L'overclocking può influenzare la stabilità del sistema, ed anche provocare danni ai componenti ed alle periferiche del sistema. La procedura è eseguita a proprio rischio ed a proprie spese. Noi non possiamo essere ritenuti responsabili per possibili danni provocati dall'overclocking.

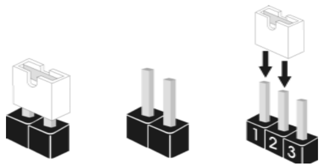
ATTENZIONE!

1. NON usare schede AGP da 3,3 V nello slot AGP di questa motherboard! Ciò potrebbe provocare danni permanenti!
2. La dimensione massima della memoria condivisa viene stabilita dal venditore del chipset ed e‘ soggetta a modificazioni. Prego fare riferimento al sito internet SiS® per le ultime informazioni.
3. La Gestione Risorse per USB 2.0 funziona perfettamente con Microsoft® Windows® XP SP1 o SP2/2000 SP4.
4. Grazie ad un innovative hardware proprietario ed alla progettazione specifica del software, Intelligent Energy Saver (Risparmio intelligente dell’energia), è una tecnologia rivoluzionaria che consente di realizzare risparmi energetici senza pari.
5. ASRock Instant Flash è una utilità Flash BIOS integrata nella Flash ROM. Questo comodo strumento d’aggiornamento del BIOS permette di aggiornare il sistema BIOS senza accedere a sistemi operativi come MS-DOS or Windows®. Con questa utilità, si può premere il tasto <F6> durante il POST, oppure il tasto <F2> nel menu BIOS per accedere ad ASRock Instant Flash. Avviare questo strumento e salvare il nuovo file BIOS nell’unità Flash USB, dischetto (disco floppy) o disco rigido; poi si può aggiornare il BIOS con pochi clic, senza preparare altri dischetti (dischi floppy) o altre complicate utilità Flash. Si prega di notare che l’unità Flash USB o il disco rigido devono usare il File System FAT32/16/12.
6. Anche se questa motherboard offre il controllo stepless, non si consiglia di effettuare l’overclocking. L’uso di frequenze diverse da quelle raccomandate per il bus CPU possono provocare l’instabilità del sistema o danneggiare la CPU. La frequenza host della CPU di questa motherboard è determinata dalle impostazioni dei jumper. È necessario impostare il jumper FSB a seconda della propria CPU AMD prima di usare l’opzione “Manuale” come impostazione FSB nel BIOS per effettuare l’overclocking. Per ulteriori dettagli, si prega di fare riferimento alla pagina 14.
7. Se il processore si surriscalda, il sistema si chiude automaticamente. Prima di riavviare il sistema, assicurarsi che la ventolina CPU della scheda madre funzioni correttamente; scollegare e ricollegare il cavo d’alimentazione. Per migliorare la dissipazione del calore, ricordare di applicare l’apposita pasta siliconica tra il processore e il dissipatore quando si installa il sistema.

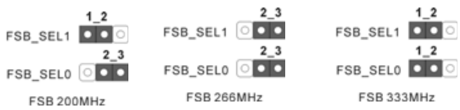
8. EuP, che sta per Energy Using Product (Prodotto che consuma energia), era una normativa emanata dall’Unione Europea che definiva il consumo energetico del sistema completo. In base all’EuP, l’alimentazione totale del sistema completo deve essere inferiore a 1,00 W quando è spento. Per soddisfare la norma EuP sono necessari un alimentatore e una scheda elettrica predisposti EuP. In base ai suggerimenti Intel l’alimentatore predisposto EuP deve soddisfare lo standard secondo cui l’efficienza energetica in standby di 5 v è più alta del 50% con un consumo di corrente di 100 mA. Per la scelta di un’alimentatore predisposto EuP consigliamo di verificare ulteriori dettagli con il produttore.

1.3 Setup dei Jumpers

L'illustrazione mostra come sono settati i jumper. Quando il ponticello è posizionato sui pin, il jumper è "CORTOCIRCUITATO". Se sui pin non ci sono ponticelli, il jumper è "APERTO". L'illustrazione mostra un jumper a 3 pin in cui il pin1 e il pin2 sono "CORTOCIRCUITATI" quando il ponticello è posizionato su questi pin.



CORTOCIRCUITATO APERTO

Jumper	Settaggio del Jumper
FSB Select Jumpers (vedi p.2, No. 25)	

Nota: La frequenza Host della CPU di questa scheda madre è determinata dall'impostazione del ponticello. Il ponticello del blocco di specifica funzionale (FSB) dev'essere posizionato in base alla CPU AMD esistente prima di poter utilizzare l'opzione "Manuale" come impostazione FSB nella predisposizione BIOS per eseguire la moltiplicazione di frequenza. Le immagini illustrano come si regola la frequenza del front side bus del processore.

PS2_USB_PWR1 (vedi p.2, No. 1)



Cortocircuitare pin2, pin3 per settare a +5VSB (standby) e abilitare PS/2 o USB01/23 wake up events.

Nota: Per selezionare +5VSB, si richiedono almeno 2 Ampere e il consumo di corrente in standby sarà maggiore.

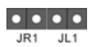
USB_PWR1 (vedi p.2, No. 16)



Cortocircuitare pin2, pin3 per settare a +5VSB (standby) e abilitare USB4_5 wake up events.

Nota: Per selezionare +5VSB, si richiedono almeno 2 Ampere e il consumo di corrente in standby sarà maggiore.

JR1(vedi p.2, No. 22)
JL1(vedi p.2, No. 21)



Nota: Se i jumper JL1 e JR1 sono in corto (vedere la figura più sopra) i connettori audio del pannello anteriore e del pannello posteriore possono funzionare.

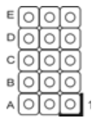
Italiano

Resettare la CMOS
(CLRCMOS1, jumper a 2 pin)
(vedi p.2 Nr. 11)


jumper a 2 pin

Nota: CLRCMOS1 consente di pulire i dati nella CMOS. I dati nella CMOS includono informazioni del setup del sistema, come per esempio la password di sistema, la data, l'ora, e i parametri del setup di sistema. Per pulire I parametri di sistema e resettare ai parametri di default, spegnere il computer e scollegare l'alimentatore, poi collegare il jumper sul CLRCMOS1 per 5 secondi. Per favore ricordarsi di rimuovere il jumper cap dopo la pulizia della CMOS.

J1 Jumpers
(vedi p.2, No. 28)

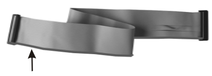


Nota: Il set di jumper J1 sono disegnati per regolare il moltiplicatore del processore. Per informazioni più dettagliate, fare riferimento alla pagina 14.

1.4 Connettori



I connettori NON sono jumpers. NON COLLOCARE i ponticelli sui connettori. Installando dei cappucci a ponticello sui connettori si causeranno danni permanenti alla scheda madre!

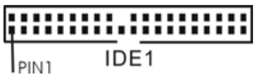
Connettori		Descrizione dei connettori
Connettore del Floppy disk (33-pin FLOPPY1) (vedi p.2, No. 15)		 Lato del Pin1 con la striscia rossa

Nota: Assicurarsi che il lato del cavo con la striscia rossa sia inserito nel lato Pin1 del connettore.

Italiano

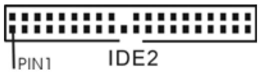
Connettore IDE primario (blu)

(39-pin IDE1, vedi p.2, No. 8)



Connettore IDE secondario (nero)

(39-pin IDE2, vedi p.2, No. 7)



Connettore blu alla scheda madre



Connettore nero all'hard disk drive

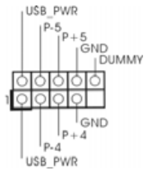
Cavo ATA 66/100/133 a 80 pin

Nota: Se utilizzate un solo dispositivo IDE su questa scheda madre, imposta tale dispositivo come "Master". Fate riferimento alle istruzioni del produttore del dispositivo IDE per maggiori dettagli. Inoltre, per ottimizzare compatibilità e prestazioni, connettete l'hard disk al connettore primario IDE (IDE1, blu) e il CD-ROM al connettore IDE secondario (IDE2, nero).

Connettore USB 2.0

(9-pin USB45)

(vedi p.2, No. 17)

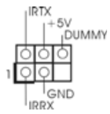


I/O è fornito di default di 4 porte USB 2.0. Se le porte USB 2.0 sul pannello posteriore non sono sufficienti, con questa guida USB 2.0 è possibile ottenere altre due porte USB 2.0 aggiuntive.

Connettore modulo infrarossi

(5-pin IR1)

(vedi p.2, No. 19)



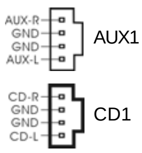
Questo connettore supporta una wireless opzionale che trasmette e riceve moduli infrarossi.

Connettori audio interni

(4-pin CD1, 4-pin AUX1)

(CD1: vedi p.2, No. 26)

(AUX1: vedi p.2, No. 27)

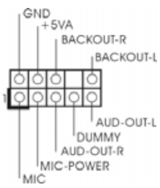


Permettono di ricevere input stereo audio da fonti di suono come CD-ROM, DVD - ROM,TV tuner, o schede MPEG.

Connettore audio sul pannello frontale

(9-pin AUDIO1)

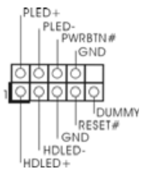
(vedi p.2, No. 23)



È un'interfaccia per il cavo del pannello audio. Che consente connessione facile e controllo dei dispositivi audio.

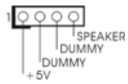
Italiano

Connettore del pannello frontale
(9-pin PANEL1)
(vedi p.2, No. 13)



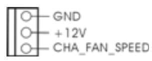
Questo connettore accoglie diverse funzioni del pannello frontale.

Connettore per altoparlante a chassis
(4-pin SPEAKER1)
(vedi p.2, No. 14)



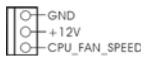
Collegare l’altoparlante dello chassis a questo connettore.

Connettore della ventola dello chassis connettore
(3-pin CHA_FAN1)
(vedi p.2, No. 12)



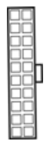
Collegare il cavo della ventola dello chassis a questo connettore e fare corrispondere il cavo nero al pin di terra.

Connettore della ventola del processore
(3-pin CPU_FAN1)
(vedi p.2, No. 2)



Collegare il cavo della ventola della CPU a questo connettore e fare corrispondere il cavo nero al pin di terra.

Connettore ATX
(20-pin ATXPWR1)
(vedi p.2, No. 6)



Collegare un alimentatore ATX a questo connettore.

Italiano

2. Informazioni sul BIOS

La Flash Memory sulla scheda madre contiene le Setup Utility. Quando si avvia il computer, premi <F2> durante il Power-On-Self-Test (POST) della Setup utility del BIOS; altrimenti, POST continua con i suoi test di routine. Per entrare il BIOS Setup dopo il POST, riavvia il sistema premendo <Ctl> + <Alt> + <Delete>, o premi il tasto di reset sullo chassis del sistema.
El BIOS Setup Utility es diseñádo "user-friendly". Es un programa guido al menu, es decir, puede enrollarse a sus varios su-menues y elegir las opciones predeterminadas. Per informazioni più dettagliate circa il Setup del BIOS, fare riferimento al Manuale dell'Utente (PDF file) contenuto nel cd di supporto.

3. Software di supporto e informazioni su CD

Questa scheda madre supporta vari sistemi operativi Microsoft® Windows®: 2000 / XP. Il CD di supporto a corredo della scheda madre contiene i driver e utilità necessari a potenziare le caratteristiche della scheda.
Inserire il CD di supporto nel lettore CD-ROM. Se la funzione "AUTORUN" è attivata nel computer, apparirà automaticamente il Menù principale.
Se il Menù principale non appare automaticamente, posizionarsi sul file ASSETUP. EXE nel CESTINO del CD di supporto e cliccare due volte per visualizzare i menù.

1. Introducción

Gracias por su compra de ASRock ***K7S41GX2*** placa madre, una placa de confianza producida bajo el control de calidad estricto y persistente. La placa madre provee realización excelente con un diseño robusto conforme al compromiso de calidad y resistencia de ASRock.

Esta Guía rápida de instalación contiene una introducción a la placa base y una guía de instalación paso a paso. Puede encontrar una información más detallada sobre la placa base en el manual de usuario incluido en el CD de soporte.

Porque las especificaciones de la placa madre y el software de BIOS podrían ser actualizados, el contenido de este manual puede ser cambiado sin aviso. En caso de cualquier modificación de este manual, la versión actualizada estará disponible en el website de ASRock sin previo aviso. También encontrará las listas de las últimas tarjetas VGA y CPU soportadas en la página web de ASRock.
Website de ASRock http://www.asrock.com
Si necesita asistencia técnica en relación con esta placa base, visite nuestra página web con el número de modelo específico de su placa.
www.asrock.com/support/index.asp

1.1 Contenido de la caja

Placa base ASRock ***K7S41GX2***
(Factor forma Micro ATX: 24,4 cm x 19,8 cm, 9,6" x 7,8")
Guía de instalación rápida de ASRock ***K7S41GX2***
CD de soporte de ASRock ***K7S41GX2***
Una cinta de datos IDE de conducción 80 Ultra ATA 66/100/133
Una cinta de datos para una unidad de disco de 3,5"
Una protección I/O

Español

1.2 Especificación

Plataforma	- Factor forma Micro ATX: 24,4 cm x 19,8 cm, 9,6" x 7,8"
Procesador	- Zócalo 462 para procesadores AMD Sempron / Athlon / Athlon XP / Duron - FSB 333/266/200 MHz
Chipset	- North Bridge: SiS® 741GX - South Bridge: SiS® 963L
Memoria	- 2 x DDR DIMM slots - Apoya DDR 400/333/266 non-ECC, memoria de un-buffered - Máxima capacidad de la memoria del sistema: 2GB
Ranuras de Expansión	- 1 x ranura AGP 8X/4X (vea **ATENCIÓN 1**) - 1 x ranuras AMR - 2 x ranuras PCI
VGA OnBoard	- Tarjeta gráfica Mirage integrada - DirectX 7 - 128MB de Memoria máxima compartida (vea **ATENCIÓN 2**) - Admite D-Sub con una resolución máxima de 2048x1536 a 75 Hz
Audio	- AC'97 Audio, 5.1 canales (Códec de sonido C-Media® CMI9739A)
LAN	- Realtek LAN PHY RTL8201EL - Velocidad: 10/100 Ethernet - Soporta Wake-On-LAN
Entrada/Salida de Panel Trasero	I/O Panel - 1 x puerto de ratón PS/2 - 1 x puerto de teclado PS/2 - 1 x puerto paralelo: soporta ECP/EPP - 1 x puerto serial: COM1 - 1 x puerto VGA - 4 x puertos USB 2.0 predeterminados - 1 x Puerto LAN RJ-45 con LED (LED de ACCIÓN/ENLACE y LED de VELOCIDAD) - Conexión de audio: Entrada de línea / Altavoz frontal / Micrófono
Conectores	- 2 x ATA133 conexiones IDE (admite hasta 4 dispositivos IDE) - 1 x puerto Floppy - 1 x Cabezal de Módulo Infrarrojos - Conector de ventilador de CPU / chasis - 20-pin cabezal de alimentación ATX

Español

	- Conector de Audio Interno - Conector de audio de panel frontal - 1 x Cabezal USB 2.0 (admite 2 puertos USB 2.0 adicionales) (vea **ATENCIÓN 3**)
BIOS	- 2Mb AMI BIOS - AMI legal BIOS - Soporta "Plug and Play" - ACPI 1.1 compliance wake up events - Soporta SMBIOS 2.3.1
CD de soport	- Controladores, Utilerías, Software de Anti Virus (Versión de prueba)
Característica Única	- Administrador de energía inteligente (vea **ATENCIÓN 4**) - Instant Boot - ASRock Instant Flash (vea **ATENCIÓN 5**) - Amplificador Híbrido: - Stepless control de frecuencia de CPU (vea **ATENCIÓN 6**) - ASRock U-COP (vea **ATENCIÓN 7**) - Protección de Falla de Inicio (B.F.G..)
Monitor Hardware	- Sensibilidad a la temperatura del procesador - Sensibilidad a la temperatura de la placa madre - Taquímetros de los ventiladores del procesador y del procesador - Taquímetros de los ventiladores del procesador y del chasis - Monitor de Voltaje: +12V, +5V, +3.3V, Vcore
OS	- En conformidad con Microsoft® Windows® 2000 / XP
Certificaciones	- FCC, CE, WHQL - Cumple con la directiva ErP/EuP (se requiere una fuente de alimentación que cumpla con la directiva ErP/EuP) (vea **ATENCIÓN 8**)

* Para más información sobre los productos, por favor visite nuestro sitio web: http://www.asrock.com

ADVERTENCIA

Tenga en cuenta que hay un cierto riesgo implícito en las operaciones de aumento de la velocidad del reloj, incluido el ajuste del BIOS, aplicando la tecnología de aumento de velocidad liberada o utilizando las herramientas de aumento de velocidad de otros fabricantes. El aumento de la velocidad puede afectar a la estabilidad del sistema e, incluso, dañar los componentes y dispositivos del sistema. Esta operación se debe realizar bajo su propia responsabilidad y Ud. debe asumir los costos. No asumimos ninguna responsabilidad por los posibles daños causados por el aumento de la velocidad del reloj.

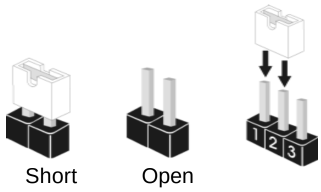
ATENCIÓN!

1. NO utilice una tarjeta AGP de 3,3V AGP en la ranura AGP de esta placa base. Podría causar daños permanentes.
2. El tamaño de la memoria compartido máximo es definido por el vendedor del chipset y está conforme al cambio. Por favor compruebe el Web site de SiS® para la información más última.
3. Power Management para USB 2.0 funciona bien bajo Microsoft® Windows® XP SP1 o SP2/2000 SP4.
4. Gracias a su avanzado hardware de propietario y diseño de software, Intelligent Energy Saver (Economizador de energía inteligente) es una revolucionaria tecnología que ofrece un ahorro de energía sin igual.
5. ASRock Instant Flash es una utilidad de programación del BIOS que se encuentra almacenada en la memoria Flash ROM. Esta sencilla herramienta de actualización de BIOS le permitirá actualizar el BIOS del sistema sin necesidad de acceder a ningún sistema operativo, como MS-DOS o Windows®. Gracias a esta utilidad, sólo necesitará pulsar <F6> durante la fase POST o pulsar <F2> para acceder al menú de configuración del BIOS y a la utilidad ASRock Instant Flash. Ejecute esta herramienta y guarde el archivo correspondiente al sistema BIOS nuevo en su unidad flash USB, unidad de disco flexible o disco duro para poder actualizar el BIOS con sólo pulsar un par de botones, sin necesidad de preparar un disco flexible adicional ni utilizar complicadas utilidades de programación. Recuerde que la unidad flash USB o disco duro utilizado debe disponer del sistema de archivos FAT32/16/12.
6. Aunque esta placa base ofrece un control complete, no es recomendable forzar la velocidad. Las frecuencias de bus de la CPU distintas a las recomendadas pueden causar inestabilidad en el sistema o dañar la CPU. La frecuencia de host de la CPU de esta placa base está determinada por la configuración de los puentes. Debe configurar el puente FSB de acuerdo con su CPU AMD antes de utilizar la opción “Manual” como valor de configuración FSB de la BIOS para forzar la velocidad. Consulte la página 14 para obtener una información más detallada.
7. Cuando la temperatura de CPU está sobre-elevada, el sistema va a apagarse automaticamente. Antes de reanudar el sistema, compruebe si el ventilador de la CPU de la placa base funciona apropiadamente y desconecte el cable de alimentación, a continuación, vuelva a conectarlo. Para mejorar la disipación de calor, acuérdese de aplicar thermal grease entre el procesador y el disipador de calor cuando usted instala el sistema de PC.

8. EuP, siglas de Energy Using Product (Producto que Utiliza Energía), es una disposición regulada por la Unión Europea para establecer el consumo total de energía de un sistema. Según la disposición EuP, la alimentación de CA total para el sistema completo ha de ser inferior a 1,00W en modo apagado. Para cumplir con el estándar EuP, se requieren una placa base y una fuente de alimentación que cumplan con la directiva EuP. Según las directrices de Intel, una fuente de alimentación que cumpla con la directiva EuP debe satisfacer el estándar, es decir, la eficiencia de energía de 5v en modo de espera debería ser mayor del 50% con un consumo de corriente de 100mA. Para seleccionar una fuente de alimentación que cumpla la directiva EuP, le recomendamos que consulte con el fabricante de la fuente de alimentación para obtener más detalles.

1.3 Setup de Jumpers

La ilustración muestra como los jumpers son configurados. Cuando haya un jumper-cap sobre los pins, se dice gue el jumper está “Short”. No habiendo jumper cap sobre los pins, el jumper está “Open”. La ilustración muesta un jumper de 3 pins cuyo pin 1 y pin 2 están “Short”.



Jumper **Setting**

FSB Select Jumpers
(vea p.2, No. 25)



Atención: La frecuencia host de la CPU de esta placa base se determina mediante el parámetro del puente. Debes establecer el puente FSB según su CPU AMD antes de utilizar la opción del “Manual” como la configuración FSB en la configuración BIOS para llevar a cabo el forzado de velocidad. Siga las figuras para configurar la frecuencia del Front Side BUS del procesador.

PS2_USB_PWR1
(vea p.2, No.1)



Ponga en cortocircuito pin 2, pin 3 para habilitar +5VSB (standby) para PS/2 o USB01/23 wake up events.

Atención: Para elegir +5VSB, se necesita corriente mas que 2 Amp proveida por la fuente de electricidad.

USB_PWR1
(vea p.2, No.16)



Ponga en cortocircuito pin 2, pin 3 para habilitar +5VSB (standby) para USB4_5 wake up events.

Atención: Para elegir +5VSB, se necesita corriente mas que 2 Amp proveida por la fuente de electricidad.

JR1(vea p.2, No. 22)
JL1(vea p.2, No. 21)



Atención: Si los puentes JL1 y JR1 son cortos (véase la figura anterior), se pueden utilizar las conexiones de sonido frontal o trasera.

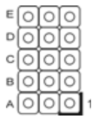
Limpiar CMOS
(CLRCMOS1, jumper de 2 pins)
(vea p.2, N. 11)



jumper de 2 contactos

Atención: CLRCMOS1 permite que Usted limpie los datos en CMOS. Los datos en CMOS incluyen informaciones de la configuración del sistema, tales como la contraseña del sistema, fecha, tiempo, y parámetros de la configuración del sistema. Para limpiar y reconfigurar los parametros del sistema a la configuración de la fábrica, por favor apague el computador y desconecte el cable de la fuente de electricidad, ponga en cortocircuito los pins de CLRCMOS1 por más que 5 segundos usando un jumper cap. Por favor acuérdase de quitar el jumper cap después de limpiar el COMS.

J1 Jumpers
(vea p.2, No. 28)

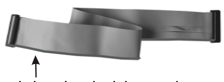


Atención: El juego de puentes J1 están diseñados para ajustar el multiplicador de la CPU. Para obtener una información detallada, consulte la página 14.

1.4 Conectores



Los conectores no son jumpers. Por favor no ponga jumper caps sobre los conectores. El colocar cubiertas de puentes sobre los conectores provocará un daño permanente en la placa base.

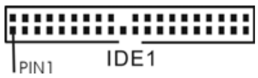
Conector	Figure	Descripción
Conector de disquetera (33-pin FLOPPY1) (vea p.2, No.15)		 la banda roja debe quedar en el mismo lado que el contacto 1

Atención: Asegúrese que la banda roja del cable queda situado en el mismo lado que el contacto 1 de la conexión.

Español

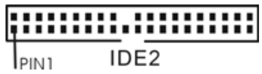
IDE conector primario (azul)

(39-pin IDE1, vea p.2, No.8)



IDE conector secundario (negro)

(39-pin IDE2, vea p.2, No.7)



Conector azul a placa madre



Conector negro a aparato IDE

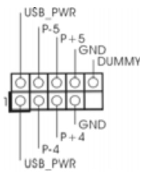
Cable ATA 66/100/133 de conducción 80

Atención: Si utiliza solamente un dispositivo IDE en esta placa base, configúrelo como "maestro". Consulte las instrucciones del distribuidor del dispositivo IDE para conocer los detalles. Además, para optimizar la compatibilidad y el rendimiento, conecte el disco duro a la conexión IDE primaria, (IDE1, azul) y el CD-ROM a la conexión IDE secundaria (IDE2, negra).

Conector USB 2.0

(9-pin USB45)

(ver p.2, No. 17)

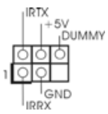


I/O proporciona 4 puertos USB 2.0 predeterminados. Si esos puertos USB 2.0 situados en el panel posterior no fueran suficientes, esta terminal USB 2.0 se encuentra disponible para admitir 2 puertos USB 2.0 adicionales.

Conector de módulo Infrared

(5-pin IR1)

(vea p.2, No.19)



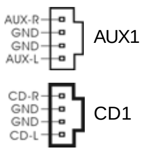
Soporta módulo Infrared de transmisión y recepción wireless.

Conector de Audio Interno

(4-pin CD1, 4-pin AUX1)

(CD1: vea p.2, No.26)

(AUX1: vea p.2, No.27)

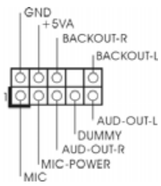


Permite recepción de input audio de fuente sónica como CD-ROM, DVD-ROM, TV tuner, o tarjeta MPEG.

Conector de audio de panel frontal

(9-pin AUDIO1)

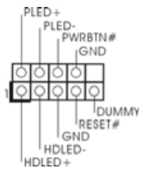
(vea p.2, No.23)



Este es una interface para cable de audio de panel frontal que permite conexión y control conveniente de apparatos de Audio.

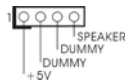
Español

Conector del Panel del systema
(9-pin PANEL1)
(vea p.2, No.13)



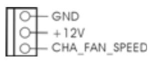
Este conector acomoda varias funciones de panel frontal del systema.

Conexión de altavoz del chasis
(4-pin SPEAKER1)
(vea p.2, No.14)



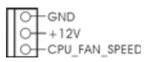
Conecte el altavoz del chasis en esta conexión.

Conector de ventilador de chasis
(3-pin CHA_FAN1)
(vea p.2, No.12)



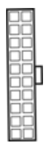
Conecte el cable del ventilador del chasis en esta conexión ha cienda coincidir el cable negro con el contacto de tierra.

Conector de ventilador de CPU
(3-pin CPU_FAN1)
(vea p.2, No.2)



Conecte el cable del ventilador de la CPU en esta conexión haciendo coincidir el cable negro con el contacto de tierra.

Conector de ATX power
(20-pin ATXPWR1)
(vea p.2, No.6)



Conecte la fuente de alimentación ATX en esta conexión.

Español

2. BIOS Información

El Flash Memory de la placa madre deposita SETUP Utility. Durante el Power-Up (POST) apriete <F2> para entrar en la BIOS. Sí usted no oprime ninguna tecla, el POST continúa con sus rutinas de prueba. Si usted desea entrar en la BIOS después del POST, por favor reinicie el sistema apretando <Ctl> + <Alt> + <Borrar>, o apretando el botón Reset en el panel del ordenador.
El programa SETUP esta diseñado a ser lo mas fácil posible. Es un programa guiado al menu, es decir, puede enrollarse a sus varios sub-menues y elegir las opciones predeterminadas. Para información detallada sobre como configurar la BIOS, por favor refiérase al Manual del Usuario (archivo PDF) contenido en el CD.

3.Información de Software Support CD

Esta placa-base soporta diversos tipos de sistema operativo Windows®: 2000 / XP El CD de instalación que acompaña la placa-base trae todos los drivers y programas utilitarios para instalar y configurar la placa-base.
Para iniciar la instalación, ponga el CD en el lector de CD y se desplegará el Menú Principal automáticamente si «AUTORUN» está habilitado en su computadora.
Si el Menú Principal no aparece automáticamente, localice y doble-pulse en el archivo ASSETUP.EXE para iniciar la instalación.

1. Введение

Благодарим вас за покупку материнской платы ASRock ***K7S41GX2*** надежной материнской платы, изготовленной в соответствии с постоянно предъявляемыми ASRock жесткими требованиями к качеству. Она обеспечивает превосходную производительность и отличается отличной конструкцией, которые отражают приверженность ASRock качеству и долговечности.

Данное руководство по быстрой установке включает вводную информацию о материнской плате и пошаговые инструкции по ее установке. Более подробные сведения о плате можно найти в руководстве пользователя на компакт-диске поддержки.

> Спецификации материнской платы и программное обеспечение BIOS иногда изменяются, поэтому содержание этого руководства может обновляться без уведомления. В случае любых модификаций руководства его новая версия будет размещена на веб-сайте ASRock без специального уведомления. Кроме того, самые свежие списки поддерживаемых модулей памяти и процессоров можно найти на сайте ASRock.
> Адрес веб-сайта ASRock http://www.asrock.com
> При необходимости технической поддержки по вопросам данной материнской платы посетите наш веб-сайт для получения информации об используемой модели.
> www.asrock.com/support/index.asp

1.1 Комплектность

Материнская плата ASRock ***K7S41GX2***
(форм-фактор Micro ATX: 9,6 x 7,8 дюйма / 24,4 x 19,8 см)
Руководство по быстрой установке ASRock ***K7S41GX2***
Компакт-диск поддержки ASRock ***K7S41GX2***
1 x 80-жильный ленточный IDE-кабель Ultra ATA 66/100/133
1 x ленточный кабель для дисковода гибких дисков 3,5 дюйма
1 x щиток ввода-вывода I/O

1.2 Спецификации

Платформа	- форм-фактор Micro ATX: 9,6 x 7,8 дюйма / 24,4 x 19,8 см
Процессор	- Socket 462 для процессоров AMD Sempron / Athlon / Athlon XP / Duron - FSB 333/266/200 МГц
Набор микросхем	- Северный мост: SiS® 741GX - Южный мост: SiS® 963L
Память	- 2 x гнезда DDR DIMM - Поддержите DDR 400/333/266 не- ECC, безбуферная память - Макс. 2 Гб
Гнезда расширения	- 1 x гнезда AGP 8X/4X (см. **ОСТОРОЖНО, пункт 1**) - 1 x гнезда AMR - 2 x гнезда PCI
Графика	- Интегрированная графика Mirage - DirectX 7 - Макс. объем разделяемой памяти 128Мб (см. **ОСТОРОЖНО, пункт 2**) - Поддержка D-Sub с максимальным разрешением до 2048x1536 @ 75 Гц
Аудиосистема	- 5.1-канальная аудиосистема AC'97 (аудиокодек C-Media® CMI9739A)
ЛВС	- Realtek LAN PHY RTL8201EL - Скорость: Ethernet 10/100 - поддержка Wake-On-LAN
Разъемы ввода-вывода на задней панели	I/O Panel - 1 x порт мыши PS/2 - 1 x порт клавиатуры PS/2 - 1 x параллельный порт: поддержка ECP/EPP - 1 x порт COM1 - 1 x VGA порт - 4 x порта USB 2.0 на задней панели в стандартной конфигурации - Разъем 1 x RJ-45 LAN с светодиодным индикатором (индикатор ACT/LINK и индикатор SPEED) - Соединитель звуковой подсистемы: линейный вход / передняя колонка / микрофон
Колодки и плате	- 2 x разъема ATA133 IDE (Поддерживает до 4 устройств IDE) - 1 x Порт гибкого диска - 1 x Колодка инфракрасного модуля - соединитель: CPU/Chassis FAN - 20-контактный Колодка питания ATX - Внутренние аудиоразъемы - Аудиоразъем передней панели

	- 1 x Колодка USB 2.0 (одна колодка для поддержки 2 дополнительных портов USB 2.0 (см. **ОСТОРОЖНО, пункт 3**)
BIOS	- 2Mb AMI BIOS - Лицензированная AMI BIOS - поддержка "Plug and Play" - ACPI 1.1, включение по событиям - поддержка SMBIOS 2.3.1
Компакт-диск поддержки	- Драйверы, утилиты, антивирусное программное обеспечение (Пробный Вариант)
Уникальная Особенн-ость	- Intelligent Energy Saver (см. **ОСТОРОЖНО, пункт 4**) - Instant Boot - ASRock Instant Flash (см. **ОСТОРОЖНО, пункт 5**) - Hybrid Booster: - плавная настройка частоты процессора (см. **ОСТОРОЖНО, пункт 6**) - ASRock U-COP (см. **ОСТОРОЖНО, пункт 7**) - Защита от сбоев загрузки Boot Failure Guard (B.F.G)
Контроль оборудо-вания	- Датчики температуры процессора - Датчики температуры корпуса - Отключение при перегреве процессора для его защиты - Тахометры вентиляторов процессора, корпуса - Контроль= напряжения: +12V, +5V, +3.3V, Vcore
Операционные системы	- Совместимость с Microsoft® Windows® 2000 / XP
Сертифика-ты	- FCC, CE, WHQL - Совместимость с ErP/EuP Ready (требуется блок питания совместимый с ErP/EuP) (см. **ОСТОРОЖНО, пункт 8**)

* Для детальной информации продукта, пожалуйста посетите наш вебсайт: http://www.asrock.com

ВНИМАНИЕ

Следует понимать, что с оверклокингом связан определенный риск во всех случаях, включая изменение установок BIOS, применение технологии Untied Overclocking или использование инструментов оверклокинга сторонних производителей. Оверклокинг может повлиять на стабильность работы системы и даже вызвать повреждение входящих в нее компонентов и устройств. Приступая к оверклокингу, вы полностью берете на себя все связанные с ним риски и расходы. Мы не будем нести ответственность за любые возможные повреждения в результате оверклокинга.

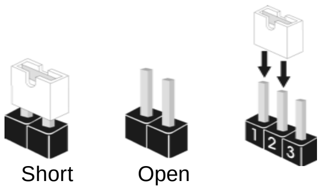
ОСТОРОЖНО!

1. НЕ УСТАНАВЛИВАЙТЕ карты AGP 3,3 В в гнездо AGP на данной материнской плате! Это может привести к необратимому повреждению компонентов!
2. Максимальная совместная емкость памяти определена продавцем микропроцессорного набора и может измениться. Входите в SiS® веб-сайт за последние информации, пожалуйста.
3. Функции управления электропитанием для USB 2.0 нормально работают под Microsoft® Windows® XP SP1/SP2/2000 SP4.
4. Благодаря передовым фирменным аппаратным и программным решениям интеллектуальная система энергосбережения представляет собой революционную технологию, обеспечивающую беспрецедентную экономию энергии.
5. ASRock Instant Flash – программа для прошивки BIOS, встроенная в Flash ROM. Данное средство для обновления BIOS умеет работать без входа в операционные системы, вроде MS-DOS или Windows®. Чтобы запустить программу достаточно нажать <F6> во время самотестирования системы (POST) или войти в BIOS при помощи кнопки <F2> и выбрать пункт ASRock Instant Flash через меню. Запустите программу и сохраните новый BIOS на USB-флэшку, дискету или жесткий диск. После этого вы сможете оперативно обновить BIOS, без необходимости подготовки дополнительной дискеты, без установки программы прошивки. Имейте в виду, что USB-флэшка или винчестер должны использовать файловую систему FAT32/16/12.
6. Несмотря на то, что эта плата поддерживает плавное увеличение частоту, разгонять процессор не рекомендуется. Изменение частоты процессора выше рекомендованной может привести к нестабильной работе системы или порче оборудования. Частота процессора на этой материнской плате определяется выставлением джамперов. Перед использованием ручного режима (Manual) настройки частоты в BIOS и последующим разгоном необходимо установить джамперы в соответствии с моделью процессора AMD. Подробности на странице 14.
7. При обнаружении перегрева процессора работа системы автоматически завершается. Прежде чем возобновить работу системы, убедитесь в нормальной работе вентилятора процессора
на материнской плате и отсоедините шнур питания, а затем снова подключите его. Чтобы улучшить отвод тепла, не забудьте при сборке компьютера нанести термопасту между процессором и радиатором.

8. EuP расшифровывается как Energy Using Product. Стандарт был разработан Европейским Союзом для определения энергопотребления готовых систем. По требованию EuP система в выключенном состоянии должна потреблять менее 1 Вт энергии. Для соответствия стандарту EuP нужны соответствующие материнская плата и блок питания. Компания Intel предложила, что совместимый с EuP блок питания должен обеспечивать 50% эффективность линии питания 5V при потреблении 100 мА (в режиме ожидания). Сверьтесь с информацией производителей блоков питания, чтобы выбрать модель с поддержкой EuP.

1.3 Установка перемычек

Конфигурация перемычек иллюстрируется на рисунке. Когда перемычка надета на контакты, они называются “замкнутыми” (short). Если на контактах перемычки нет, то они называются “разомкнутыми” (open). На иллюстрации показана 3-контактная перемычка, у которой контакты 1 и 2 замкнуты.



Перемычка	Установка	Описание
Джамперы выбора частоты FSB (см. стр. 2, п. 25)		

Примечание. Настройки частоты шины процессора на этой материнской плате задаются при помощи изменения положения джамперов. Перед использованием ручного режима (Manual) настройки частоты в BIOS и последующим разгоном необходимо установить джамперы в соответствии с моделью процессора AMD. Схемы правильной установки джамперов показаны на рисунке.

PS2_USB_PWR1 (см. стр. 2, п. 1)		Замкните контакты 2 и 3, чтобы выбрать режим +5VSB и разрешить включение по событиям PS/2 или USB01/23.

Примечание. Выбирая режим +5VSB, имейте в виду, что он требует от блока питания тока в режиме ожидания не менее 2 А.

USB_PWR1 (см. стр. 2, п. 16)		Замкните контакты 2 и 3, чтобы выбрать режим +5VSB и разрешить включение по событиям USB4_5.

Примечание. Выбирая режим +5VSB, имейте в виду, что он требует от блока питания тока в режиме ожидания не менее 2 А.

JR1(см. стр. 2, п. 22) JL1(см. стр. 2, п. 21)		

Примечание. Если перемычки JL1 и JR1 замкнуты, то могут работать аудиоразъемы как на передней, так и на задней панели.

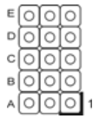
Русский

Очистка CMOS
(CLRCMOS1,
2-контактная перемычка)
(см. стр. 2, п. 11)


2-контактная перемычка

Примечание. Контакты CLRCMOS1 позволяют очистить данные в CMOS-памяти, в том числе такие параметры настройки, как системный пароль, дата, время и параметры конфигурации системы. Чтобы очистить системные параметры и установить для них значения по умолчанию, выключите компьютер и отсоедините шнур питания, а затем с помощью перемычки замкните контакты CLRCMOS1 на 5 секунды.

J1
(см. стр. 2, п. 28)



Примечание. Набор джамперов J1 предназначены для изменения множителя процессора. Подробности на странице 14.

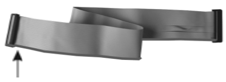
1.4 Колодки и разъемы на плате



Имеющиеся на плате колодки и разъемы НЕ ЯВЛЯЮТСЯ контактами для перемычек. НЕ УСТАНАВЛИВАЙТЕ перемычки на эти колодки и разъемы – это приведет к необратимому повреждению материнской платы!

Разъем дисковода гибких дисков
(33-контактный FLOPPY1)
(см. стр. 2, п. 15)



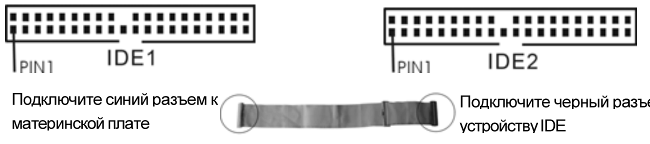

la banda roja debe quedar en el mismo lado que el contacto 1

Примечание. Убедитесь, что сторона кабеля с красной полосой соответствует контакту 1 на разъеме.

Русский

Разъем первичного канала IDE (синий)
(39-контактный IDE1, см. стр. 2, п. 8)

Разъем вторичного канала ID (черный)
(39-контактный IDE2, см. стр. 2, п. 7)



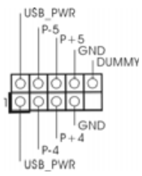
Подключите синий разъем к материнской плате

Подключите черный разъем к устройству IDE

80-жильный кабель ATA 66/100/133

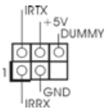
Примечание. Если вы используете с данной материнской платой только одно устройство IDE, установите его в режим "Master" (главное устройство). Подробную информацию вы найдете в инструкциях, предоставленных производителем IDE-устройства. Кроме того, для обеспечения оптимальной совместимости и производительности рекомендуется подключать жесткий диск к первичному разъему IDE (IDE1, синий), а дисковод CD-ROM к вторичному разъему (IDE2, черный).

Колодка USB 2.0
(9-контактный USB45)
(см. стр. 2, п.17)



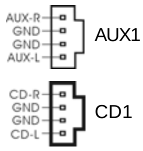
Интерфейс I/O по умолчанию обеспечивает 4 портов USB 2.0 на задней панели. Если этих портов USB недостаточно, вы можете воспользоваться данной колодкой USB 2.0 для подключения 2 дополнительных портов USB 2.0.

Колодка инфракрасного модуля
(5-контактный IR1)
(см. стр. 2, п. 19)



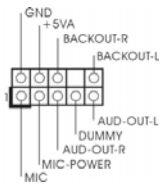
Данная колодка позволяет подключить дополнительный модуль беспроводного инфракрасного приемопередатчика.

Внутренние аудиоразъемы
(4-контактный CD1, 4-контактный AUX1)
(CD1: см. стр. 2, п. 26)
(AUX1: см. стр. 2, п. 27)



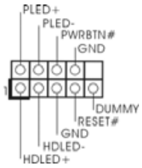
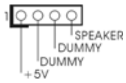
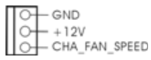
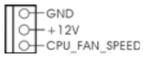
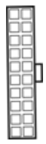
Эти разъемы позволяют получать входной стереофонический аудиосигнал от таких источников, как дисковод CD-ROM, DVD-ROM ТВ-тюнер или карта MPEG.

Аудиоразъем передней панели
(9-контактный AUDIO1)
(см. стр. 2, п. 23)



Этот интерфейс предназначен для присоединения аудиокабеля передней панели, обеспечивающего удобное подключение аудиоустройств и управление ими.

Русский

Колодка системной панели (9-контактный PANEL1) (см. стр. 2, п. 13)		Данная колодка обеспечивает работу нескольких функций передней панели системы.
Колодка динамика корпуса (4-контактный SPEAKER1) (см. стр. 2, п. 14)		Подключите к этой колодке кабель от динамика на корпусе компьютера.
Разъем вентилятора корпуса (3-контактный CHA FAN1) (см. стр. 2, п. 12)		Подключите к этому разъему кабель вентилятора на корпусе компьютера так, чтобы черный провод соответствовал контакту земли.
Разъем вентилятора процессора (3-контактный CPU FAN1) (см. стр. 2, п. 2)		Подключите к этому разъему кабель вентилятора процессора так, чтобы черный провод соответствовал контакту земли.
Колодка питания ATX (20-контактный ATXPWR1) (см. стр. 2, п. 6)		Подключите к этой колодке кабель питания ATX.

Русский

2. Информация о BIOS

Утилита настройки BIOS (BIOS Setup) хранится во флэш-памяти на материнской плате. Чтобы войти в программу настройки BIOS Setup, при запуске компьютера нажмите <F2> во время самопроверки при включении питания (Power-On-Self-Test – POST). Если этого не сделать, то процедуры тестирования POST будут продолжаться обычным образом. Если вы захотите вызвать BIOS Setup уже после POST, перезапустите систему с помощью клавиш <Ctrl> + <Alt> + <Delete> или нажатия кнопки сброса на корпусе системы. Подробную информацию о программе BIOS Setup вы найдете в Руководстве пользователя (в формате PDF) на компакт-диске поддержки.

3. Информация о компакт-диске поддержки с программным обеспечением

Данная материнская плата поддерживает различные операционные системы Microsoft® Windows®: 2000 / XP. Поставляемый вместе с ней компакт-диск поддержки содержит необходимые драйверы и полезные утилиты, которые расширяют возможности материнской платы. Чтобы начать работу с компакт-диском поддержки, вставьте его в дисковод CD-ROM. Если в вашем компьютере включена функция автозапуска (AUTORUN), то на экране автоматически появится главное меню компакт-диска (Main Menu). Если этого не произошло, найдите в папке BIN на компакт-диске поддержки файл ASSETUP.EXE и дважды щелкните на нем, чтобы открыть меню.

Русский

1. Introdução

Gratos por comprar nossa placa–mãe ***K7S41GX2***, um produto confiável feito com ASRock um estrito controle de qualidade consistente. Com um excelente desempenho, essa placa é dotada de um projeto robusto que atende a ASRock de compromisso com a qualidade e durabilidade.
Este Guia de Instalação Rápida apresenta a placa-mãe e o guia de instalação passo a passo. Mais informações detalhadas sobre a placa-mãe podem ser encontradas no manual do usuário do CD de suporte.

Porque as especificações da placa mãe e o software de BIOS poderiam ser atualizados, o conteúdo deste manual pode ser cambiado sem aviso. Em caso de qualquer modificação deste manual, a versão atualizada estará disponível no website de ASRock sem prévio aviso. Pode também encontrar as listas das mais recentes placas VGA e das CPUs suportadas no site da web da ASRock.
Website de ASRock http://www.asrock.com
Se precisar de apoio técnico em relação a este placa-mãe, por favor visite o nosso sítio da internet para informação específica acerca do modelo que está a utilizar.
www.asrock.com/support/index.asp

1.1 Este pacote contém

Placa-mãe ASRock ***K7S41GX2***
(Formato Micro ATX: 9,6 pol. x 7,8 pol., 24,4 cm x 19,8 cm)
Guia de instalação rápida da ASRock ***K7S41GX2***
CD de suporte da placa ASRock ***K7S41GX2***
Um cabo-fita IDE Ultra ATA 66/100/133 de 80 condutores
Um cabo-fita para unidade de disquete de 3,5 pol.
Uma proteção I/O

1.2 Especificações

Plataforma	- Formato Micro ATX: 9,6 pol. x 7,8 pol., 24,4 cm x 19,8 cm
CPU	- Socket 462 para processadores AMD Sempron / Athlon / Athlon XP / Duron - FSB 333/266/200 MHz
Chipsets	- North Bridge: SiS® 741GX - South Bridge: SiS® 963L
Memória	- 2 x slots de DDR DIMM - Suporte para memória não intermédia DDR 400/333/266, não ECC - Capacidade máxima de memória do sistema: 2GB
Slots de Expansão	- 1 x slot de AGP 8X/4X (veja o **AVISO 1**) - 1 x slot de AMR - 2 x slots de PCI
VGA integrado	- Placa gráfica integrada Mirage - DirectX 7 - Memória partilhada máxima 128MB (veja o **AVISO 2**) - Suporta D-Sub com resolução máxima até 2048x1536 @ 75Hz
Áudio	- 5.1 canais de áudio AC'97 (Codec de áudio C-Media® CMI9739A)
LAN	- Realtek LAN PHY RTL8201EL - Velocidade: 10 / 100 Ethernet - Suporta Wake-On-LAN
Entrada/Saída pelo painel traseiro	I/O Panel - 1 x porta para mouse PS/2 - 1 x porta para teclado PS/2 - 1 x porta paralela (com suporte ECP/EPP) - 1 x porta COM1 - 1 x porta VGA - 4 x portas USB 2.0 padrão - 1 x porta LAN RJ-45 com LED (LED ACT/LIG e LED VELOCIDADE) - Áudio Jack: Entrada de linha / Altifalante frontal / Microfone
Conectores	- 2 x conectores ATA133 IDE (suporta até 4 dispositivos IDE) - 1 x porta para disquete - 1 x Conector do módulo de infravermelho

	- Conector do ventilador da CPU/chassis - Conector de força do ATX de 20 pinos - Conectores internos de áudio - Conector Áudio do painel frontal - 1 x cabezal USB 2.0 (suportar 2 portas USB 2.0 adicionais) (veja o **AVISO 3**)
BIOS	- 2Mb BIOS AMI - BIOS AMI - Suporta dispositivos "Plug and Play" - ACPI 1.1 atendendo a eventos de "wake up" - Suporte para SMBIOS 2.3.1
CD de suporte	- Controladores, utilitários, software antivírus (Experimentacao Versao)
Funcionalidade Única	- Intelligent Energy Saver (veja o **AVISO 4**) - Instant Boot - ASRock Instant Flash (veja o **AVISO 5**) - Booster híbrido: - Frequência da CPU com controle contínuo (veja o **AVISO 6**) - ASRock U-COP (veja o **AVISO 7**) - B.F.G. (Boot Failure Guard)
Monitor do HW	- Sensores de temperature do procesador - Medição de temperatura da placa-mãe - Tacômetros de ventilador do CPU - Tacômetros de ventilador do chassis - Monitoramento de voltagem: +12 V, +5 V, +3.3 V, Vcore
Sistema Operacional	- Microsoft® Windows® 2000 / XP
Certificações	- FCC, CE, WHQL - "ErP/EuP Ready" (é necessária alimentação eléctrica "ErP/EuP Ready") (veja o **AVISO 8**)

* Para informações mais detalhadas por favor visite o nosso sítio Web:
http://www.asrock.com

Português

AVISO

Tenha em atenção que a operação de overclocking envolve alguns riscos, nomeadamente no que diz respeito ao ajuste das definições do BIOS, à aplicação da tecnologia Untied Overclocking ou à utilização de ferramentas de overclocking de terceiros. O overclocking pode afectar a estabilidade do seu sistema ou até mesmo causar danos ao nível dos componentes e dispositivos que integram o sistema. Esta operação é da total responsabilidade do utilizador. Não nos responsabilizamos pelos possíveis danos resultantes do overclocking.

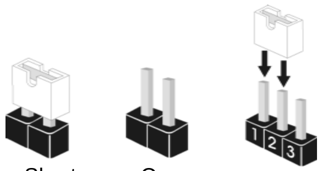
AVISO!

1. NÃO use uma placa AGP de 3,3 V no slot AGP desta placa-mãe. Pois pode inutilizá-la definitivamente.
2. O máximo tamanho de memória compartilhada é definido por vendedor de chipset e é sujeito a mudar. Verifique o SiS® website para a última informação.
3. Power Management para USB 2.0 funciona bem embaixo de Microsoft® Windows® XP SP1 ou SP2/2000 SP4.
4. Com uma concepção de hardware e de software avançada, a Poupanla de Energia Inteligente é uma das opções no Sintonizador ASRock OC.
5. ASRock Instant Flash est un utilitaire de flash du BIOS flash intégré dans la ROM Flash. Cet outil pratique de mise à jour du BIOS vous permet de mettre à jour le BIOS du système sans entrer d'abord dans un système d'exploitation tel que MS-DOS ou Windows®. Avec cet utilitaire, vous pouvez appuyer sur la touche <F6> pendant le POST ou sur la touche <F2> durant le menu de configuration du BIOS pour accéder à ASRock Instant Flash. Lancez simplement cet outil et enregistrez le nouveau fichier BIOS sur votre lecteur flash USB, sur une disquette ou un disque, avant de pouvoir mettre à jour votre BIOS en quelques clics seulement, sans préparer de disquette supplémentaire ni d'autre utilitaire flash compliqué. Veuillez noter que le lecteur flash USB ou le disque dur doit utiliser le système de fichiers FAT32/16/12.
6. Apesar de esta placa-mãe oferecer controle continuamente variável, não se recomenda efetuar over-clock. Freqüências de barramento diferentes das recomendadas para a CPU podem provocar instabilidade do sistema ou danos à CPU. A freqüência host da CPU desta placa-mãe é determinada por configuração de jumper. Deve-se ajustar o jumper FSB de acordo com a sua CPU AMD antes de usar a opção "Manual" de configuração do FSB na configuração do BIOS para realizar over-clocking. Por favor leia a página 14 para obter mais detalhes.

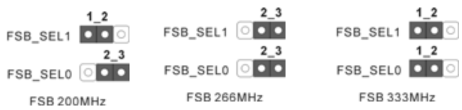
7. Assim que se detecta um superaquecimento na CPU, o sistema se desliga automaticamente e o botão de energia do chassis fica inativo. Cheque o ventilador da CPU na placa–mãe, para verificar se está funcionando corretamente antes de religar o sistema. Para melhorar a dissipação de calor, lembre-se de aplicar o material de interface térmica entre o processador e o dissipador de calor.
8. EuP, que significa Energy Using Product (Produto que Utiliza Energia), foi uma provisão regulada pela União Europeia para definir o consumo de energia para o sistema concluído. De acordo com a EuP, a corrente AC total do sistema concluído deverá ser inferior a 1.00W no estado de modo desligado. Para satisfazer a norma EuP, é necessário uma placa-mãe e uma fonte de alimentação eléctrica que estejam em conformidade com a norma EuP. De acordo com a sugestão da Intel, a fonte de alimentação em conformidade com a norma EuP deve satisfazer o padrão, isto é, a eficiência energética de reserva de 5v deve ser superior a 50% com um consumo de corrente de 100 mA. Para selecção da fonte de alimentação em conformidade com a norma EuP, recomendamos que confirme com o fabricante da fonte de alimentação para mais detalhes.

1.3 Configuração dos Jumpers

A ilustração mostra como os jumpers são configurados. Quando há uma capa de jumpers sobre os pinos, diz–se que o jumper está "curto". Não havendo capa sobre os pinos, o jumper está "aberto". A ilustração mostra um jumper de 3 pinos em que os pinos 1 e 2 están "curtos" quando a capa de jumper estiver colocada sobre esses 2 pinos.



Short Open

Jumper	Configuração
FSB Select Jumpers (veja a folha 2, No. 25)	

Nota: A freqüência host da CPU desta placa-mãe é determinada por configuração de jumper. Deve-se ajustar o jumper FSB de acordo com a sua CPU AMD antes de usar a opção "Manual" de configuração do FSB na configuração do BIOS para realizar over-clocking.Veja as figuras abaixo para o ajuste freqüência do barramento externo da CPU.

PS2_USB_PWR1 (veja a folha 2, No. 1)



Pin2, Pin3 curtos para habilitar +5VSB (stand by) para PS/2 ou eventos de wake up na USB01/23.

Nota: Para escolher +5VSB, é preciso uma corrente de stand by de 2 A ou mais.

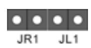
USB_PWR1 (veja a folha 2, No. 16)



Pin2, Pin3 curtos para habilitar +5VSB (stand by) para eventos de wake up na USB4_5.

Nota: Para escolher +5VSB, é preciso uma corrente de stand by de 2 A ou mais.

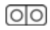
JR1 (veja a folha 2, No. 22)
JL1 (veja a folha 2/ No. 21)



Nota: Se os jumpers JL1 e JR1 estiverem conectados, tanto os conectores do painel frontal quanto do traseiro funcionarão.

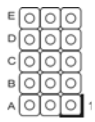
Português

Restaurar CMOS
(CLRCMOS1, jumper de 2 pinos)
(veja a folha 2, No. 11)


jumper de 2 pinos

Nota: CLRCMOS1 permite você limpar os dados em CMOS. Os dados em CMOS incluem informações da configuração do sistema como: por exemplo a senha do sistema, data, tempo, e os parámetros da configuração do sistema. Para limpar e reconfigurar os parámetros do sistema a configuração inicial da fábrica, por favor desligue o cabo de força, ponha em curto–circuito os pins de CLRCMOS1 por mais de 5 segundos para limpar o CMOS usando um jumper.

J1 Jumpers
(veja a folha 2, No. 28)

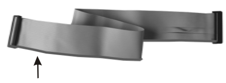


Nota: O identificador de campo (J1) dos jumpers são desenhados para ajustar o multiplicador da CPU. Para mais informações, dirija-se para a página 14.

1.4 Conectores



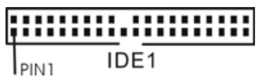
Os conectores NÃO SÃO jumpers. NÃO coloque capas de jumper sobre estes conectores. A colocação de pontos de jumper sobre os conectores causará danos irreversíveis à placa-mãe.

Conector	Figura	Descrição
Conector FDD (FLOPPY 1, 33 pinos) (veja a folha 2, No. 15)	 	 o lado com listras vermelhas para o Pino 1

Nota: Certifique-se de que o lado com listras vermelhas no cabo seja conectado ao lado Pino 1 do conector.

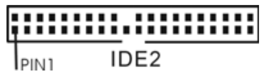
Conector primário (azul)

(IDE1 de 39 pinos, veja a folha 2, No. 8)



Conector secundário de IDE (preto)

(IDE2 de 39 pinos, veja a folha 2, No. 7)



Ligue esta ponta (azul) à placa–mãe



Ligue esta ponta (preta) aos dispositivos IDE

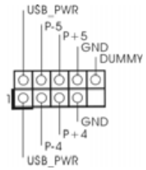
Cabo ATA 66/100/133 de 80 condutores

Nota: Se for usado apenas um dispositivo IDE nesta placa-mãe, configure-o como "Master". Para detalhes, consulte as instruções do fornecedor do seu dispositivo IDE. Ainda, para otimizar a compatibilidade e o desempenho, conecte a unidade de disco rígido ao conector IDE primário (IDE1, azul) e a unidade de CD-ROM ao conector IDE secundário (IDE2, preto).

Conector do USB 2.0

(USB45 de 9 pinos)

(veja a folha 2, No. 17)

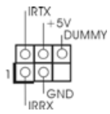


I/O(E/S) fornece 4 portas USB 2.0 padrão. Se as portas USB 2.0 no painel traseiro não forem suficientes, o USB 2.0 header/Cabeçote USB 2.0 estará disponível para suportar mais 2 portas USB 2.0.

Conector do módulo de infravermelho

(IR1 de 5 pinos)

(veja a folha 2, No. 19)



Este conector suporta um módulo opcional de transmissão sem fio e recepção em infravermelho.

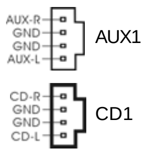
Conectores internos de áudio

(CD1 de 4 pinos,

AUX1 de 4 pinos)

(CD1: veja a floha 2, No. 26)

(AUX1: veja a floha 2, No. 27)

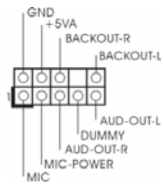


Estes conectores permitem que se receba entrada de áudio em estéreo de fontes de áudio como CD-ROM, DVD-ROM, placa sintonizadora de TV ou placa MPEG.

Conector Áudio do painel frontal

(AUDIO1 de 9 pinos)

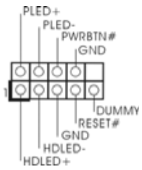
(veja a folha 2, No. 23)



Esta é uma interface para o cabo de áudio no painel frontal, que permite uma conexão e controle convenientes dos dispositivos de áudio.

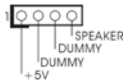
Português

Conector do sistema no painel
(PANEL1 de 9 pinos)
(veja a folha 2, No. 13)



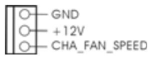
Este conector acomoda diversas funções de sistema no painel frontal.

Conector do alto-falante do chassi
(SPEAKER1 de 4 pinos)
(veja a folha 2, No. 14)



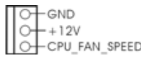
Ligue o alto-falante do chassi neste conector.

Conector do ventilador do chassis
(CHA_FAN1 de 3 pinos)
(veja a 2, No. 12)



Ligue o cabo do ventilador neste conector, coincidindo o fio preto com o pino de aterramento.

Conector do ventilador da CPU
(CPU_FAN1 de 3 pinos)
(veja a f2, No. 2)



Ligue o cabo do ventilador da CPU, coincidindo o fio preto com o pino de aterramento.

Conector de força do ATX
(ATXPWR1 de 20 pinos)
(veja a folha 2, No. 6)



Ligue a fonte de alimentação ATX neste conector.

2. Informações da BIOS

A Memória Flash da placa–mãe armazena o utilitário de configuração da BIOS. Quando você ligar o computador, pressione < F2 > durante a inicialização (POST) para entrar nas configurações da BIOS; caso contrário o POST continua com suas rotinas de teste. Caso você queira entrar nas configurações da BIOS após o POST, reinicie o sistema pressionando <Ctrl> + <Alt> +<Del>, ou pressionando a tecla de reset no gabinete.
Também se pode reinicializar desligando a máquina e ligando–a novamente. Para informações mais detalhadas sobre a configuração da BIOS, consulte o manual do usuário (em pdf) contido no CD de instalação.

3. Informações do CD de Suporte

Esta placa Mãe suporta vários sistemas operacionais: Microsoft® Windows®: 2000 / XP. O CD de instalação que acompanha a placa Mãe contem: drivers e utilitários necessários para um melhor desempenho da placa Mãe. Para começar a usar o CD de instalação, introduza o CD na leitora de CD-ROM do computador. Automaticamente iniciará o menu principal, casa o “AUTORUN” esteja ativado. Se o menu principal não aparecer automaticamente, explore o CD e execute o “ASSETUP.EXE” localizado na pasta “BIN”.

1. Giriş

ASRock'ın kesintisiz titiz kalite denetimi altında üretilen güvenilir bir anakart olan ASRock ***K7S41GX2*** anakartını satın aldığınız için teşekkür ederiz. ASRock'ın kalite ve dayanıklılık konusundaki kararlılığına uygun güçlü tasarımıyla mükemmel bir performans sunar.

Bu kılavuzda, bölüm 1 ve 2 anakarta giriş ve donanım yüklemesine adım adım kılavuz içerir. Destek CD'sinin bölüm 3 ve 4'ü, BIOS ayarları ve bilgilerini içerir.

> Anakart özellikleri ve BIOS yazılımı güncelleştirilebileceğinden bu kılavuzun içeriği önceden haber verilmeksizin değişebilir. Bu belgede değişiklik yapılması durumunda, güncelleştirilmiş sürüm ayrıca haber verilmeksizin ASRock web sitesinde sunulur. En son VGA kartlarını ve CPU destek listelerini de ASRock web sitesinde bulabilirsiniz.
> ASRock web sitesi: http://www.asrock.com
> Bu anakartla ilgili teknik desteğe ihtiyacınız olursa, kullandığınız modele özel bilgiler için lütfen web sitemizi ziyaret edin.
> www.asrock.com/support/index.asp

1.1 Paket İçindekiler

Bir ASRock ***K7S41GX2*** Anakartı

(Mikro ATX Form Faktörü: 9,6 inç x 7,8 inç, 24,4 cm x 19,8 cm)

Bir ASRock ***K7S41GX2*** Hızlı Takma Kılavuzu

Bir ASRock ***K7S41GX2*** Destek CD'si

Bir 80 iletkenli Ultra ATA 66/100/133 IDE Şerit Kablo

Bir 3,5 inç Disket Sürücüsü için Şerit Kablo

Bir G/Ç Panel Kalkanı

Türkçe

1.2 Özellikler

Platform	- Mikro ATX Form Faktörü: 9,6 inç x 7,8 inç, 24,4 cm x 19,8 cm
CPU	- AMD Sempron / Athlon / Athlon XP / Duron İşlemciler için Soket 462 - FSB 333/266/200 MHz
Yonga seti	- Northbridge: SiS® 741GX - Southbridge: SiS® 963L
Bellek	- 2 x DDR DIMM yuva - DDR 400/333/266 ECC olmayan, ara belleksiz bellek - Sistem belleğinin maks. kapasitesi: 2 GB
Genişletme Yuvası	- 1 x AGP 8X/4X yuva (bkz. **DİKKAT 1**) - 1 x AMR yuva - 2 x PCI yuva
Grafikler	- Entegre Mirage Grafik Kartı - DirectX 7 - Maks. paylaşılan bellek 128 MB (bkz. **DİKKAT 2**) - 75Hz'de 2048x1536'a kadar maks. çözünürlükle D-Sub'ı destekler
Ses	- 5,1 Kanal AC'97 Ses (C-Media® CMI9739A Ses Codec'i)
LAN	- Realtek LAN PHY RTL8201EL - hız 10/100 Mb/sn - LAN'da Uyan özelliğini destekler
Arka Panel G/Ç	G/Ç Paneli - 1 x PS/2 Fare Portu - 1 x PS/2 Klavye Portu - 1 x Paralel Portu (ECP/EPP destekler) - 1 x Seri Port: COM1 - 1 x VGA Portu - 4 x Kullanıma Hazır USB 2.0 Portu - 1 x RJ-45 LAN Portu, LED'li (AKT/LİNK LED'i ve HIZ LED'i) - HD Ses Jakı: Hat girişi / Ön Hoparlör / Mikrofon
Konektör	- 2 x ATA133 IDE konektörü (4 x IDE cihazı destekler) - 1 x Disket konektörü - 1 x KÖ fişi - CPU/Kasa FAN konektörü - 20 pin ATX güç konektörü - CD giriş fişi - AUX in (Yardım Cihaz Girişi) Üst - Ön panel ses fişi - 1 x USB 2.0 fiş (2 USB 2.0 portu destekler) (bkz. **DİKKAT 3**)

BIOS Özelliği	- 2 Mb AMI BIOS - AMI Legal BIOS - "Tak Çalıştır"ı destekler - ACPI 1.1 Uyumlu Uyandırma Olayları - SMBIOS 2.3.1 Desteği
Destek CD'si	- Sürücüler, Yardımcı Programlar, AntiVirüs Yazılımı (Deneme Sürümü)
Benzersiz Özellik	- Akıllı Enerji Tasarrufu (bkz. **DİKKAT 4**) - Anında Önyükleme - ASRock Anında Flash (bkz. **DİKKAT 5**) - Hibrit Yükseltici: - CPU Frekans Adımsız Kontrol (bkz. **DİKKAT 6**) - ASRock U-COP (bkz. **DİKKAT 7**) - Önyükleme Hatası Koruması (B.F.G.)
Donanım Monitör	- CPU Sıcaklık Duyarlılığı - Kasa Sıcaklık Duyarlılığı - CPU Fan Takometresi - Kasa Fan Takometresi - Voltaj İzleme: +12V, +5V, +3,3V, Vcore
İS	- Microsoft® Windows® 2000 / XP uyumlu
Sertifikalar	- FCC, CE, WHQL - ErP/EuP Hazır (ErP/EuP hazır güç kaynağı gerekli) (bkz. **DİKKAT 8**)

* Ayrıntılı ürün bilgileri için lütfen web sitemizi ziyaret edin: http://www.asrock.com

UYARI

Lütfen, ayarı BIOS'da ayarlama, Untied Overclocking Teknolojisi'ni uygulama veya üçüncü taraf aşırı hızlandırma araçlarını kullanma gibi durumlarda aşırı hızlandırmayla ilgili risk olduğunu unutmayın. Aşırı hızlandırma sisteminizin kararlılığını etkiler veya hatta sisteminizin bileşenlerini ve cihazlarına zarar verebilir. Bu risk size aittir ve zararı siz ödersiniz. Aşırı hızlandırmadan kaynaklanan olası zarardan sorumlu değiliz.

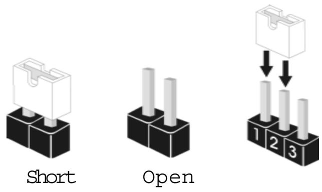
Türkçe

DİKKAT!

1. Bu ana kartın AGP yuvasında 3.3V AGP kartı KULLANMAYIN! Kalıcı hasara neden olabilir!
2. Maksimum paylaşılan bellek boyutu yonga seti satıcısı tarafından tanımlanır ve değişebilir. Lütfen en son bilgileri için SiS® web sitesini kontrol edin.
3. USB 2.0 için Güç Yönetimi Microsoft® Windows® XP SP1 veya SP2 / 2000 SP4 altında düzgün çalışır.
4. Gelişmiş tescilli donanım ve yazılım tasarımı özelliği olan Akıllı Enerji Tasarrufu, paralel olmayan güç tasarrufları sağlayan, devrim niteliğinde bir teknolojidir.
5. ASRock Anında Flash, Flash ROM'a katıştırılmış bir BIOS flash yardımcı programıdır. Bu kullanışlı BIOS güncelleme aracı, sistem BIOS'unu MS-DOS veya Windows® gibi ilk önce işletim sistemine girmeden güncellemenizi sağlar. Bu yardımcı programla, POST sırasında <F6> tuşuna basabilirsiniz veya BIOS ayarları menüsünün ASRock Anında Flash'a erişmesi için <F2> tuşuna basabilirsiniz. Bu aracı başlatın ve yeni BIOS dosyasını USB flash sürücünüze, diskete veya sabit sürücüye kaydedin, sonra BIOS'unuzu yalnızca birkaç tıklatma ile ek bir disket veya diğer karmaşık flash yardımcı programlarını hazırlamadan güncelleyebilirsiniz. Lütfen USB flash sürücünün veya sabit diskin FAT32/16/12 dosya sistemi kullanması gerektiğini unutmayın.
6. Bu anakart adımsız kontrole izin verse de aşırı hızlandırma uygulamanız önerilmez. Önerilen CPU veri yolu frekansları dışındaki frekanslar sistemin dengesiz olmasına veya CPU'nun zarar görmesine neden olabilir.
7. CPU aşırı ısınması algılandığında, sistem otomatik olarak kapatılır. Sistemi devam ettirmeden önce, lütfen anakarttaki CPU fanının düzgün çalıştığını kontrol edin ve güç kablosunu çıkarın, sonra geri takın. Isı geçişini artırmak için, PC sistemini yüklediğinizde CPU ile ısı emici arasına ısı macunu sürmeyi unutmayın.
8. Enerji Kullanan Ürün anlamına gelen EuP, tamamlanmış sistemler için güç tüketimini tanımlamak için Avrupa Birliği tarafından düzenlenen bir gerekliliktir. EuP'a göre, kapalı mod durumunda tamamlanmış sistemin toplam AC gücü 1,00W altında olmalıdır. EuP standardını karşılamak için, EuP hazır anakart ve EuP hazır güç kaynağı gerekir. Intel'in önerisine göre, EuP hazır güç kaynağının 100 mA akım tüketiminde 5v beklemede güç etkinliği %50'den yüksektir standardını karşılaması gerekir. EuP hazır güç kaynağı seçimi için, daha fazla ayrıntı için güç kaynağı üreticisine başvurmanızı öneririz.

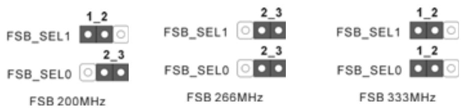
1.3 Jumper'ların Ayarı

Şekilde jumper'ların nasıl ayarlandıkları gösterilmektedir. Jumper kapağı pinler üzerine yerleştirildiğinde jumper "Kapalı" dır. Jumper kapağı pinler üzerindeyken jumper "Açık" tır. Şekilde pin1 ve pin2'si "Kapalı" olan jumper kapağı bu 2 pine yerleştirilmiş 3-pinli jumper gösterilmektedir.



Jumper **Ayar**

FSB Seç Jumpers'lar
(bkz. s.2, No. 25)



Not: Bu ana kartın İşlemci ön tarafı veri yolu sıklığının ayarı jumper ayarı ile yapılır. Hız aşırtma yapmak için BIOS kur'da FSB ayarı olarak "Manüel"'i kullanmadan önce AMD İşlemcisine göre FSB jumper'ı ayarlamanız gerekmektedir. Lütfen İşlemci ön tarafı veri yolu sıklığını ayarlamak için yukarıdaki şekillere bakın.

PS2_USB_PWR1
(bkz. s.2, No. 1)



PS/2 veya USB01/23 uyandırma olayları için +5VSB'yi (bekleme) etkinleştirmek için pin2, pin3'ü kapatın.

Not: +5VSB'yi seçmek için, güç kaynağı tarafından sağlanan 2 Amp ve daha yüksek bekleme akımı gerektirir.

USB_PWR1
(bkz. s.2, No. 16)



USB4_5 uyandırma olayları için +5VSB'yi (bekleme) etkinleştirmek için pin2, pin3'ü kapatın.

Not: +5VSB'yi seçmek için, güç kaynağı tarafından sağlanan 2 Amp ve daha yüksek bekleme akımı gerektirir.

JR1 (bkz. s.2, No. 22)
JL1 (bkz. s.2, No. 21)



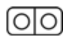
Not: JL1 ve JR1 jumper'ları kısaysa (yukarıdaki şekile bakınız,) hem ön hem arka panel ses konektörleri çalışabilir.

Türkçe

CMOS'u temizleme

(CLRCMOS1, 2-pinli jumper)

(bkz. s.2 No. 11)

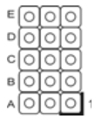


2-pinli jumper

Not: CLRCMOS1, CMOS içindeki verileri temizlemenizi sağlar. CMOS'daki veriler sistem parolası, tarih, saat ve sistem ayar parametreleri gibi sistem ayar bilgilerini içerir. Sistem parametrelerini temizlemek ve varsayılan ayarlara sıfırlamak için, lütfen bilgisayarı kapatın ve güç kablosunu güç kaynağından çıkarın. 15 saniye bekledikten sonra, CLRCMOS1'da 2 pini kapatmak için 5 saniye kadar bir jumper kapağı kullanın.

J1 Jumper'lar

(bkz. s.2, No. 28)



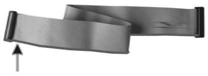
Not: J1 jumper'larının ayarı sadece ileri düzeydeki kullanıcıların İşlemci çarpanını ayarlamaları içindir. Lütfen İşlemci'nin çarpanını ayarlamak için sayfa 14'dekş tabloya bakın.

1.4 Yerleşik Fişler ve Konektörler

Yerleşik fişler ve konektörler jumper DEĞİLDİR. Bu fişlerin ve konektörlerin üzerine jumper kapakları YERLEŞTİRMEYİN. Fişlerin ve konektörlerin üzerine jumper kapakları yerleştirmek anakartın kalıcı olarak zarar görmesine neden olabilir!

Disket Konektörü
(33-pinli DİSKET1)
(bkz. s.2 No. 15)

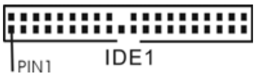




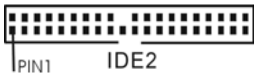
kırmızı çizgili taraf Pin1'e

Not: Kablonun kırmızı çizgili tarafının konektörün Pin1 tarafına takıldığından emin olun.

Ana IDE Konektörü (Mavi)
(39-pinli IDE1, bkz. s.2 No. 8)



Yardımcı IDE Konektörü (Siyah)
(39-pinli IDE2, bkz. s.2 No. 7)



mavi ucu anakarta bağlayın

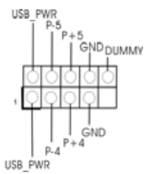


siyah ucu IDE cihazlarına bağlayın

80-iletkenli ATA 66/100/133 kablo

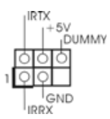
Not: Bu ana kartta sadece bir IDE cihazı kullanıyorsanız, lütfen IDE cihazını "Master" (Ana) olarak ayarlayın. Lütfen ayrıntılı bilgi için IDE cihazı satıcınızın talimatlarına bakınız. Bunun yanı sıra, uyumluluğu ve performansı en iyi hale getirmek için, lütfen sabit disk sürücünüzü Ana IDE konektörüne (IDE1, mavi)'ye ve CD-ROM'u Yardımcı IDE konektörüne (IDE2, Siyah) bağlayın.

USB 2.0 Fişleri
(9-pinli USB45)
(bkz. s.2 No. 17)



Arka panelde 4 adet varsayılan USB 2.0 bağlantı noktası bulunmaktadır. Arkadaki USB bağlantı noktaları yeterli değilse, bu USB 2.0 konektörü 2 ilave USB 2.0 bağlantı noktasını destekleyebilir.

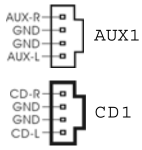
Kızılötesi Modülü Fişi
(5-pinli IR1)
(bkz. s.2 No. 19)



Bu fiş, isteğe bağlı bir kablosuz aktarma ve alma kızılötesi modülünü destekler.

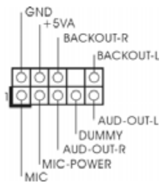
Türkçe

Dahili Ses Konektörleri
(4-pinli CD1, 4-pinli AUX1)
(CD1: bkz. s.2, No. 26)
(AUX1: bkz. s.2, No. 27)



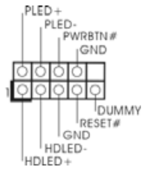
Bu konektörler CD-ROM, DVD-ROM, TV Alıcı Kartı veya MPEG kartı gibi ses kaynaklarından stereo ses girişi almanıza izin verir.

Ön Panel Ses Fişi
(9-pinli AUDIO1)
(bkz. s.2 No. 23)



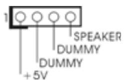
Bu, panel ses kablosu için uygun bağlantı sağlayan ve ses cihazlarını kontrol etmeyi sağlayan bir arayüzdür.

Sistem Paneli Fişi
(9-pinli PANEL1)
(bkz. s.2 No. 13)



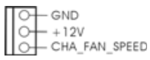
Bu fiş, birçok sistem ön paneli işlevini barındırır.

Kasa Hoparlörü Fişi
(4-pinli SPEAKER1)
(bkz. s.2 No. 14)



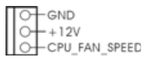
Lütfen kasa hoparlörünü bu fişe bağlayın.

Kasa Fan Konektörü
(3-pinli CHA FAN1)
(bkz. s.2 No. 12)



Lütfen kasa fan kablolarını fanına bu konektöre bağlayın ve siyah kabloyu toprak pinine bağlayın.

CPU Fan Konektörü
(3-pinli CPU FAN1)
(bkz. s.2 No. 2)



Lütfen fan kablolarını CPU fanına bu konektöre bağlayın ve siyah kabloyu toprak pinine bağlayın.

ATX Güç Konektörü
(20-pinli ATXPWR1)
(bkz. s.2 No. 6)



Lütfen bir ATX güç kaynağını bu konektöre bağlayın.

Türkçe

2. BIOS Bilgileri

Anakarttaki Flash Bellek BIOS Ayarları Yardımcı Programını içerir. Bilgisayarı başlattığınızda, lütfen Otomatik Güç Sınaması (POST) sırasında BIOS Ayarları yardımcı programına girmek için <F2> tuşuna basın; aksi halde, POST test rutinlerine devam eder. BIOS Ayarlarına POST'tan sonra girmek istiyorsanız, lütfen <Ctl> + <Alt> + <Delete> tuşlarına basarak veya sistem kasasındaki sıfırlama düğmesine basarak sistemi yeniden başlatın. BIOS Ayarları programı kullanıcı dostu olacak şekilde tasarlanmıştır. Çeşitli alt menüler arasında dolaşmanıza ve önceden belirlenen seçenekler arasından seçim yapmanıza izin veren menü tabanlı bir programdır. BIOS Ayarları hakkında ayrıntılı bilgi için, lütfen Destek CD'sinde bulunan Kullanıcı Kılavuzu'na (PDF dosyası) başvurun.

3. Yazılım Destek CD'si bilgileri

Bu anakart çeşitli Microsoft® Windows® işletim sistemleri destekler: 2000 / XP. Anakartla birlikte gelen Destek CD'si anakart özelliklerini genişleten gerekli sürücüleri ve kullanışlı yardımcı programları içerir. Destek CD'sini kullanmaya başlamak için, CD'yi CDROM sürücünüze takın. Bilgisayarınızda "OTOMATİK KULLAN" özelliği etkinleştirilmişse, Ana Menüyü otomatik olarak görüntüler. Ana Menü otomatik olarak görüntülenmezse, menüleri görüntülemek için Destek CD'sinin “BIN” klasöründeki "ASSETUP.EXE" dosyasını bulun ve çift tıklatın.

Türkçe